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Eclipses for the year 1887.

There will be four Eclipses this year, two of the Sun and two of the Moon, viz:

the 8th of Feb. at 5 o'clock 3 min. in the morning; visible here, on the Pacific Ocean and in Asia.

The second is an annular eclipse of the Sun, on the 22d of February, at 2 o'clock 58 min. in the afternoon; invisible here, but visible on the southern Pacific Ocean, in western South America and in Central America.

The third is a partial eclipse of the Moon, on the 3d of August, at 3 o'clock 48 min, in the The first is a partial eclipse of the Moon, on afternoon, therefore invisible here, but visible in western Asia.

> The fourth is a total eclipse of the Sun, on the 18th of August, at 11 o'clock 11 min. at night; invisible here, but visible in northern Asia, Norway, Alaska, on the northern Pacific Ocean; at Berlin and Koenigsberg in Europe; and Jeddo in Japan.

Moon (D) is the reigning Planet this year.

CARDINAL POINTS.

Vernal Equinox, entrance of the Sun into Aries, March 20th, 5 o'clock 8 m. in the afternoon, Summer Solstice, entrance of the Sun into Cancer, June 21st, 1 o'clock 8 m. in the afternoon, Autumnal Equinox, entrance of the Sun into Libra, Sept. 23d, 4 o'clock 9 m. in the morning. Winter Solstice, entrance of the Sun into Capricorn, Dec. 21st, 10 o'clock 11 m. in the evening.

Centennial Almanac for the year 1887.

The following is an extract from the "Centennial Almanac" for the year 1887.

The MOON is this year the reigning planet.

As regards the influence of the Moon, the ancients believed to have observed, that when this planet is in a particular position towards the Sun and the Earth and other planets, its action will be perceptible in the state of the weather, in the fruitfulness of the earth and the particular constitution of men and animals.

Year in general - Is generally more humid than cold

Spring - Is very humid and besides warm, with occasional frost. The whole of March is cold and April rainy, May is in the beginning pleasant, but has also rain, upon which great cold follows. June is very delightful and has rain occasionally.

Summer-Is sometimes warm, but more frequently cool, Autumn and Winter-Are in the beginning humid, moderately cold, afterwards very cold and humid. December brings snow early, upon which heavy rain follows. After the 20th it is pretty cold, but cloudy, until about the 12th of January; afterwards somewhat mild, but soon cold again, until the 25th, when a great deal of rain and snow will again take place. March is in the beginning rough and cold; afterwards warm. In this winter the sheep and bees are apt to die.

Cultivation of Summer Grain.-If this year has a hot summer, the sowing of the summer grains must not be delayed, but not unduly burried neither, as the heat will commence late. Barley and oats will succeed at least tolerably well, as also lentils, peas and millet, the latter in favorable ground frequently succeeds very well. Do not sow too late, nor too early. There will be an abundance of hay, but very little after-math.

Cultivation of Winter Grain.-The winter grain, and particularly rye, if it has been sown timely in the fall and is remarkably strong, should be grazed off by the sheep, otherwise it will become too rank and yield more straw than grain. If the wheat seeding grows finely and strongly in May, it will yield poorly, for it will become too rank, not however on poor land.

Autumn Seeding .- The grain should be sown as early as possible; it will notwithstanding yield but little, for during the cold weather it will grow very little, and the winter will come very early. No sheep are therefore to be left go on the grain, otherwise there will be but little or nothing left. All seed should be sown as deeply as possible, otherwise it will be washed out by the frequent rains.

Fruit.-in some places the yield will be abundant, in other places but small. Acorns will be but small.

Hops-Will succeed moderately well. They generally suffer in the spring from mildew and sleet.

Grape Culture .- This year there will be but little wine. The grapes should be gathered early in the autumn, as no good weather is to be expected. The vineyards ought to be covered early.

Tempests and Thundergusts .- In the winter there will be high winds and unusual rains; in the spring and summer there will not be very many thundergusts, and those that so occur, will not cause much injury.

Diseases. - In the autumn inflammatory fevers and other. dangerous diseases will prevail.

AGRICULTURAL

ALMANAG.

FOR THE YEAR OF OUR LORD

1887;

Being the third after Leap Year, and until the 4th of July, the 111th of American Independence.

Arranged after the System of the German Calendars.

CONTAINING

The rising, setting, and eclipses of the Sun and Moon; the phases and places of the Moon the aspects of the planets, the rising, setting and southing of the most conspicuous planets and fixed stars, the equation of time, and the time of high water at Philadelphia; with a variety of useful and entertaining matter, list of courts, &c.

Carefully calculated for the Meridian of Pennsylvania and the adjoining States.



LANCASTER:

Printed and sold by John Barn's Sons, No. 15 North Queen street, east side, where German Almanacs may also be had.

Moveable Feasts and Chronological Cycles.

MOVEABLE FEASTS.

Septuagesima Sunday, February 6.
Quinquagesima, or Shrove Sunday, Feb. 20.
Shrove Tuesday, February 22.
Ash Wednesday, or first day of Lent, Feb. 23.
Palm Sunday, April 3.
Easter Sunday, April 10.
Low Sunday, April 17.
Rogation Sunday, May 15.
Ascension Day, May 19.
Whit Sunday, May 29.
Trinity Sunday, June 5.
Corpus Christi, June 9.
First Sunday in Advent, November 27.
Sundays after Trinity are 24 this year.

QUATEMBER OR EMBER DAYS.

1st. On the 2d of March.

2d. On the 1st of June.

3d. Cn the 21st of September.

4th. On the 14th of December.

CHRONOLOGICAL CYCLES.

CHROHOLOGICAL CICLES.	
Dominical Letter	В.
Lunar Cycle, or Golden Number .	7
Epacts	6
Solar Cycle	20
Roman Indiction	15
Julian Period	6600

The chronology of the Jews for the year 5648 commences on the 19th of September 1887. The chronology of the Mahomedans for the year 1305 commences on the 19th of September 1887.

Characters of the Constellations.

Aries, the Ram.

Taurus, the Bull.

Gemini, the Twins. Cancer, the Crab.

Leo, the Lion.

Virgo, the Virgin.

Libra, the Balance. Scorpio, the Scorpion.

Sagitarius, the Bowman.

Capricornus, the Goat.

Aquarius, the Butler. Pisces, the Fishes.

Astronomical Characters explained:



New Moon.



First quarter, or Moon in general.



Full Moon.



Last quarter, or Moon in general.

Moon's ascending Node, or Dragon's Head.

Tail. Moon's descending Node, or Dragon's Tail.

U Moon's Ascension.

Moon's Descension.

D Moon in apogee, furthest from the earth.

) Moon in perigee, nearest to the earth.

Planets and Aspects.

& Mars, D Earth, D Moon,

O Sun, H Hershel.

of Conjunction, or planets in the same longitude.

* Sextile, when they are 60 degrees apart.

Quartile, when they are 90 degrees distant.

△ Trine, when they are 120 degrees distant.

Opposition, when they are 180 degrees distant.

NOTE TO THE READER.—The calculation of this Almanac is made to solar or apparent time, to which add the equation when the sun is slow, and subtract when fast, for the mean or clock time.—Calculated originally by WILL. R. IBACH, successor to LAWRENCE J. IBACH.—All Almanacs without the Calculator's name are suspicious.

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AGRICULTURAL.

Progressive Agriculture.

Progressive agriculture, as some appear to understand it, means going ahead, without regard to safety or expense. The young progressive farmer who never hoed an acre of corn or mowed an acre of grass, fancies that by applying "business principles" to agriculture, he can roll up a fortune in a few years. He must have a farm as large as his father had in his old age; must live in a better house than his parents; he must drive a better horse; ride in a better carriage; sport a finer watch; live in a more fashionable style; play the gentleman at more expense; cut larger swells; speak louder, and be known further than his old fogy ancestors ever dared to dream of.

The young progressive farmer has no idea of getting rich by the little; he is bound to have a pile all at once. He is not going to bring up lambs by hand, sell turnips at twenty five cents a bushel, carry chickens to market, wear patched clothes, and cart potatoes round like a pedlar. Not he. Talk to him about cultivating a farm of fifty acres! Why, he wants four or five hundred acres, and he will demonstrate by figures that the more land he cultivates the larger his percentage of profits will be.

Talk to one of those progressive farmers about experience, and he will laugh at you. Why, he is sure that he knows a thousand things that would astonish his father. Experience! To be sure he has not had it himself, but he knows who has, and what it is. He wants to start, not at the bottom of the hill, but at the top. He don't believe in climbing up slowly, working and waiting, and though willing to work, he is not anxious to wait.

Now that is the point. We believe young men ought to be set right on. Instead of belittle. Instead of a large farm, they ought to have only a small one. Their experience is small, their judgment is weak, and their wants ought to be few. And beginning with a few insure the best results.

Salt on Grain Fields.

A wheat-raiser in Minnesota gives his experience in the use of salt on grainfields in the Country Gentleman as follows: "I have sowed salt for several years with good results. Last year I sowed thirty tons on six hundred acres of wheat, which is an average of one hundred pounds per acre. The land on which this was sown was deep, sandy loam, and the wheat was spring wheat, sown the first week of April. I sowed the salt about the 1st of June, when the wheat was from six to eight inches high. Among the marked results was a strong and vigorous growth of the plant, causing wheat to head a week earlier. The straw stands up straight and stiff and does not crinkle down, thereby enabling us to cut the last one hundred acres as clean as the first. The wheat gives a plump, heavy berry, and yields from three to five bushels more per acre than if sowed without salt, and is uniformly of a better grade, last year testing sixty-three pounds per bushel. When I first began to sow salt, I left strips across the field to test the difference. strips were very noticeable all summer, as the wheat did not grow nearly as tall and thick as where the salt was sowed, and even after the wheat was cut I could see a difference in the stubble, the strips being crinkled and of not so bright a color. These fields, when sowed to clover, yielded tremendous crops, which show the benefit of salt on grass lands. I have never tried it on oats, but would not raise a crop of wheat without salt. I purchase my salt in Milwaukee or Chicago. It is shipped in bulk, and usually costs from \$7 to \$8 per ton, delivered. The mode of sowing salt is very simple. A box that will hold three bushels is placed across the hind end of a wagon. The person who sows ginning with much, they ought to begin with it is seated with his back to the driver, and sows it with both hands over the back end of the wagon as it passes over the field, covering a strip thirty feet wide."

In France salt is extensively used on fields acres, they will soon learn how to proceed to sown to grain. It is believed that it improves

the quality of the straw and grain.

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Monday 30 Adelgunda 6 11 35 26 4 50 24 rises 10 54 14 7 2 4 53 18 Monday 31 Virgil 7 morn. 10 5 33 ggr. Hel. lat. south 14 7 14 59 19	51 4th Sunday after Eninhany Matth & Days' longth O hours 50
Monday 31 Virgil 7 morn. 10 5 33 ggr. Hel. lat. south 14 7 14 59 19	Sunday 30 Adelegands 611 35 \$26 4 5002 since 40 54
111111111111111111111111111111111111111	
SATURN is on the 5th in Opposition with the Sun and shines the whole night.	SATURN is on the 9th in Opposition with the Sun and shines the whole night.

January has 31 Days.

MOON'S PHASES, &c.

First quarter the 2d, at 7 o'clock 20 min. in the morning; clear and cold.

Full moon the 9th, at 5 o'clock 32 min. in

the evening; clear and cold.

Last quarter the 16th, at 10 o'clock 22 min. in the forencon; rain or snow.

New moon the 23d, at 10 o'clock 1 min. in the evening; cold and stormy.

Probable State of the Weather.

1st, 2d cold; 3d, 4th, 5th changeable; 6th, 7th, 8th rain; 9th, 10th, 11th pleasant; 12th, 13th, 14th cloudy; 15th, 16th, 17th cold, windy; 18th, 19th, 20th pleasant; 21st, 22d, 23d snow; 24th, 25th cloudy; 26th, 27th, 28th cold; 29th, 30th, 31st changeable.

Court of Quarter Sessions and Common Pleas.

Lawrence	3 Lebanon	10 Cameron	17
York	3 Huntingdon	10 Dauphin	24
Perry	3 Berks	10 Blair	24
Washington	3 Susquehanna	10 Centre	24
Luxerne	3 Fulton	10 Clarion	24
Lehigh	3 Mifflin	10 Somerset	24
Lycoming	3 Clearfield	10 Elk	24
Mercer	3 Wyoming	10 Adams	24
Schuylkill	3 Carbon	10 Venango	34
Allegheny	3 Cumberland	10 Chester	31
Greene	3 Lancaster	17 Tioga	31

About Plants and Flowers.

In choosing bulbs, look to weight rather than to size.

Keep hyacinths away from the fire, as they

detest too much heat.

Most blooming plants cannot get too much sun at the windows.

Sudden and great changes in the tempera-

Room plants have one enemy not known to

the green house, namely, dust.

In potting, the lumps should go to the bottom

of the pots, the fine earth above it.

Soft-wooded plants should stand nearest to the light, and hard-wooded ones back, if all cannot have equal light.

Never paint the flower pots. They are both better and more becoming to the eye in the

color of burnt clay.

Without good soil, no one can succeed in growing house plants well. Those who live in the country, find it an easy matter to have a good lot of this article on hand at all times.



Useful Hints for Horse Owners.

Horses are very delicate and liable to many ailments, and persons owning them, who are not very familiar with their nature and requirements, will find the following suggestions useful:

Every horse should be reshod at least once a month. After each day's work the animal's feet should be carefully examined, to ascertain that the shoes are in good order and gravel or stones removed. Twice each week the feet should be carefully looked at, broken nails replaced, loose shoes fastened and projecting clinches reduced. Once a week the feet should be stuffed with flaxseed meal or wet clay. Any unhealthy condition of the hoof ought to be immediately attended to. Horses require careful grooming and should be rubbed dry when used; not allowed to stand without rubbing when heated. Occasional sponging of the nostrils with a weak mixture of vinegar and water is also beneficial. The practice of using a hose or stream of cold water on a horse when heated is very injurious. Care should be exercised to see that the feed is kept free from dust, foreign substances and bad odor. Small quantities fed frequently are best for the animals. Bran mash should be given once a week, never oftener than twice, except when it is desirable as a purge. Glauber salts given once a week will help to keep the horse healthy. And then a horse should have grass. It is his natural food. A continual diet of hay hardens the coating of his stomach. The food is not digested. Carbonic acid gas is generated, and the horse dies in agony, swelling up, suffering from what is commonly known as colic. Watering a horse while warm or immediately after eating is bad; but before eating it is not objectionable, or while at work. Stables should be kept clean, well

FEBRUARY, 2d Month.

Weeks and Days.	h. h. m. Place. south. m.h. m.h. m.h. m.h. m.
Tuesday 1 Bridget	7 12 8 24 6 18 1. Nept. od 4 14 6 59 5 1 20
Wednesd 2 Candlemass	8 1 13 8 8 7 6 3 9 sets 6 29 14 6 58 5 2 31
Thursday 3 Blasius	9 2 14 \$23 7 58 24 rises 10 40 14 6 57 5 3 22
Friday 4 Veronica	10 3 21 8 8 8 52 h south 10 14 14 6 56 5 4 23
Saturday 5 Agatha	10 4 27 22 9 49 Nept. statio. \$30 \(146 55 \) 5 24
6] Septuagesima.	Matth. 20. Days' length 10 hours 12 min.
Sunday 6 Dorothy	11 5 26 6 10 49 \(\) gr. Hel. lat. south 14 6 54 5 6 25
Monday 7 Richard	12 6 20 22 20 11 48 Syd Superior 14 6 53 5 7 26
Tuesday 8 Solomon	1 rises 3 4 morn. 8.7* south 614 15 6 52 5 8 27
Wednesd 9 Apollonia	1 7 13 32 17 12 44 Din per. 9 sets 6 57 15 6 51 5 9 28
Thursday 10 Scholastica	2 8 24 6 0 1 40 869 & 4 rises 10 12 15 6 49 5 11 29
Friday 11 Euphrosina	3 9 31 3 2 33 5 south 9 45 15 6 48 5 12 30
Saturday 12 Eulalia	4 10 37 3 25 3 26 Aldebaran so. 6 44 15 6 47 5 13 31
7] Sexagesima.	Luke 8. Days' length 10 hours 28 min.
Sunday 13 Castor	5 11 40 6 7 4 18 43 Neptune 1 0 15 6 46 5 14 F.
Monday 14 Valentins	5 morn. 19 5 10 14. Arct. se. 96 14 6 44 5 16 2
Tuesday 15 Faustinus	6 12 47 \$\text{ 1 6 3 \$\text{ 2 sets 7 02 } 14 6 43 5 17 3
Wednesd 16 Julianus	7 1 40 \$\infty 13 6 514 rises 9 49 14 6 42 5 18 4
Thursday 17 Constantia	8 2 33 \$\disp25 7 46 Sirius so. 8 22 \cup 14 6 40 5 20 5
Friday 18 Concordia	9 3 22 7 8 36 4 stat Spicari. 9 32 14 6 39 5 21 6
Saturday 19 Susanna	10 4 11 19 9 24 h so. 9 12 Oent. 146 38 5 22 7
8] Quinquagesima.	Luke 18. Days' length 10 hours 46 min.
Sunday 20 Eucharius	11 4 53 2 2 10 11 Procyon so. 9 16 146 37 5 23 8
Monday 21 Eleonora	12 5 37 14 10 57 9 9 sets 7 13 146 36 5 24 9
Tuesday 22 Wash. Birthday	1 sets 27 11 26 22.7* se.12 50 14 6 34 5 26 10
Wednesd 23 Ash Wedn.	2 6 36 35 11 12 40 263 36) 14 6 33 5 27 11
Thursday 24 Matthew	2 7 48 224 1 23) in apogee 90 146 325 28 12
Friday 25 Victor	3 8 31 8 2 5 \$\times\$ in \$2\$ 7 rises 9 13 13 6 31 5 29 13
Saturday 26 Nestor	4 9 29 22 2 47 h south 8 43 136 295 31 4
9] Invocavit.	Matth. 4. Days' length 11 hours 4 min.
Sunday 27 Leander	5 10 21 7 3 30 Orion south 7 8 13 6 28 5 32 15
Monday 28 Romanus	5 11 10 21 4 14 Andromeda se. 9 4 13 6 27 5 33 16

February has 28 Days.

MOON'S PHASES, &c.

First quarter the 1st, at 3 o'clock 26 min. in the morning; snow and stormy.

Full moon the 8th, at 5 o'clock 14 min. in the

morning; rain or snow.

Last quarter the 14th, at 8 o'clock 32 min. in the evening; cold rain or snow.

New moon the 22d, at 4 o'clock 40 min. in the evening; clear and cold.

Probable State of the Weather.

1st, 2d cold and snow; 3d, 4th pleasant; 5th, 6th coldest days; 7th, 8th, 9th rain; 10th, 11th cold; 12th, 13th changeable; 14th rain; 15th, 16th cold; 17th, 18th mild; 19th, 20th cloudy; 21st, 22d, 23d pleasant; 24th, 25th changeable; 26th, 27th cold wind; 28th cloudy.

Court of Quarter Sessions and Common Pleas.

Westmoreland	7 Erie	7 Forest	28
Bradford	7 Northampton	14 Monroe	28
Wayne	7 Crawford	14 Pike	28
Columbia	7 Jefferson	14 Franklin	28
Bucks	7 Clinton	14 Montour	28
Juniata	7 Bedford	21 M'Kean	28
Lackawanna Northumberland	7 Snyder	28 Sullivan	28

ventilated and free from smells. The feed boxes should be scrupulously clean, and washed once a week with vinegar and water. A horse's stall should be large enough to allow him to lie down comfortably in any position. A tired horse will be glad to lie down with his legs stretched out if he has room; but if you can't give him a loose box, then a light halter block should be used, and care taken to arrange the halter so that it may travel freely to allow the head to come easily to the litter, for rest and sleep are as necessary as food and water. Those animals affected with glanders or discharge from the nostrils should be isolated and Man and beast are both in danger kept tied. of infection therefrom. In places and vicinity where an infected animal is thus tied the wood water and soap, and covered with a wash of freshly-mixed quicklime, which should be scraped off and removed within two days. All harness, horse-cloths, saddle-cloths and blankets used by a glandered horse should be de-



How to Take off a Hide.

In taking off a hide or calfskin, never cut the throat crosswise in the least. Slit the skin from the brisket to the tail, and from the brisket to the jaw; then cut around each leg to the hoof. Slit the hind legs from the hoof up directly over the gambrel, and the forward legs in the front, directly over the knee, to the top of the brisket This leaves the hide or skin then in the proper shape for finishing.

Skin the head and legs carefully to avoid cutting them; then, commencing at the head, draw or fist off the skin without any further use of the knife, thereby avoiding the holes and cuts that almost spoil so many calfskins. Some farmers use a windlass to draw off the dairy skins, and others use a horse; but one or two men can do it a great deal more quickly and

easily.

When taken off, lay the hide or skin flat on the floor in a cool place where the sun cannot shine upon it, and cover it with salt-rather fine salt being better than too coarse salt. Do not roll it up, but let it remain in the salt until you take off another; then place that one upon the other, salting freely as before, and so on until you get enough to make quite a pile; then commence another pile in the same manner. Do not be afraid to use salt freely; what the skins do not require will shake off and can be used again.

If you prefer to dry out your skins before and iron work should be cleansed with hot selling them, be sure that they are thoroughly cured with salt before drying them, and then that they are thoroughly dried before being

baled up for shipment.

Never dry out a skin without having it salted as described to preserve it from moths and stroyed. Attention to these simple things will other injuries on the hair side, which are liable often save valuable horses from being ruined. to occur if the skins are not properly salted be-

MARCH, 3d Month.

Weeks and	Remarkable Days.	D & C MOON MOONS MISCENANEOUS Parti-	UN O
Days.	Remarkable Days.	W. It & S. Place south culars SIO. FISES S	ets style
Tuesday	1 St. David	6 morn 5 5 5 0 Nept.) \$\forall in Per. \cup 13 6 25 5	35 17
·Wednesd			36 18
Thursday		8 1 47 3 6 40 2 4 rises 8 51 12 6 23 5	37 19
Friday	4 Adrian		39 20
Saturday	5 Frederick	9 3 11 8 30 gr.di.ea. §se. 6 25 12 6 20 5	40 21
10] R	eminiscere.	Matth. 15. Days' length 11 hours 22 m	in.
Sunday	6 Fridolin	10 4 5 15 9 28 Regulus so. 10 51 12 6 19 5	41 22
Monday	7 Perpetua	11 4 54 428 10 27 Sirius south 7 26 11 6 18 5	
Tuesday	8 Philemon	12 5 35 32 12 11 25 sets 7 50 11 6 16 5	
	9 Prudence	1 rises 325 morn. 29)pe.Cas.s.85 11 6 15 5	45 25
	10 Apollonius		46 26
	11 Ernestus		48 27
-	12 Gregory	3 9 38 3 2 13 \(\frac{1}{2}\)gr.Hel.la.n.\(\frac{1}{2}\)stat. 106 115	49 28
CHARLEST VILL	culi.	Luke 11. Days' length 11 hours 40 m	in.
	13 Macedon		50 M
	14 Zachariah	5 11 53 17 4 2 \$68 7* sets 11 32 96 85	
	15 Christopher	5 morn. 9 4 56 3 9 sets 8 07 96 75	
Wednesd	16 Cyprianus	6 12 28 421 5 49 4 16.4ri.758 96 65	
	17 St. Patrick	7 1 16 3 6 47 h south 7 27 96 45	Marie and Control
	18 Anselmus		57 6
	19 Josephus		58 7
not bear	aetare.	John 6. Days' length 12 hours 0 m	in.
	20 Matrona	10 3 37 9 9 9 Oenters A Day & Night 86 06	0 8
	21 Benedictus	10 4 12 22 9 55 \$30 Inf. Spring co. 75 596	1 9
		11 4 52 5 10 39 9 sets 8 21 75 58 6	210
	23 Eberhard	12 5 27 = 19 11 22 \(\text{\$\delta} \) \(\) in apogee \(\) 75 576	311
	24 Gabriel	1 sets 312 4 24. 800 8 75 566	412
	25 Ann. V. M.	2 7 20 18 12 46 24 rises 7 22 65 546	613
	26 Emanuel	2 8 16 2 1 28 Pd) 7* sets 10 48 65 536	714
- The Fall Comment of A	idica.	John 8. Days' length 12 hours 16 m	in.
	27 Gustavus	3 9 14 17 2 12 5 south 6 48 6 5 52 6	8 15
	28 Gideon	410 11 18 2 2 57 d Neptune © 2 in & 5 5 51 6	9 16
	29 Eustasius		10 17
Wednesd		5 11 47 8 0 4 34 Procyon so. 6 57 5 5 49 6	11 18
Thursday	31 Detlaus	6 morn, 14 5 26 38 Sirius so. 11 2 45 48 6	12 19

March has 31 Days.

MOON'S PHASES, &c.

First quarter the 2d, at 8 o'clock 7 min. in the evening; rain or snow.

Full moon the 9th, at 3 o'clock 33 min. in the

afternoon; clear and pleasant.

Last quarter the 16th, at 8 o'clock 42 min. in the morning; rain or snow.

New moon the 24th, at 11 o'clock 9 min. in

the morning; cold and stormy.

Probable State of the Weather.

1st, 2d rain; 3d, 4th, 5th changeable; 6th, 7th snow; 8th, 9th, 16th pleasant; 11th, 12th, 13th cold; 14th, 15th, 16th rain; 17th 18th, 19th pleasant; 20th, 21st, 22d changeable; 23d, 24th, 25th cold winds; 26th, 27th, 28th clear; 29th, 30th, 31st changeable.

Court of Quarter Sessions and Common Pleas.

Philadelphia	-17	Butler		7	Potter	7
			10		Indiana	14
Armstrong		Fayette				_ :
Schuylkill	7	Warren		7	Washington	14
Lycoming	7	Montgomery		7	Union '	14
Delaware		Beaver		7	Clearfield	21
		Cambria		7		
Allegheny	- 6	Camoria		•		

fore being dried out. If your skins remain on hand very long after being dried out before delivery to the tanner, even if salted, watch them carefully to detect any indications of moths or worms on the hair side, and if any are discovered, have the skins vigorously whipped with a stick so often that they shall be wholly eradicated from the entire lot of skins as they often work serious injury in a very short time.

Don't call your Neighbor "a Hog."

A case occurred recently in Wisconsin, in which the writer of a local paper applied the name "hog" to a man named Solverton. writer (Peterson) was sued for libel and judgment was awarded the plaintiff. The case was carried to the Supreme Court of Wisconsin, where the judgment was affirmed. Judge Orton, in the opinion, said: "The use of this term is most intensely contemptuous, and intended to bring the plaintiff into ridicule and contempt, and so injure his standing and reputation as a citizen.

stove will clean out the stovepipe.



Weather Forecasts and Circular Storms.

Dr. Lonie, of St. Andrews, has lately drawn attention to some of the leading facts connected with the science of "weather forecasts" and with the theory of circular storms. He states that a strict examination of the records of the weather in Greenwich Observatory has conclusively proved that predictions based on the . moon's changes are delusive. But in the matter of sun spots the case is different. There is a remarkable concurrence of scientific opinion that the 111 years' cycle of their recurrences leads to increased solar radiation, of which we have our share in the form of increased evaporation and rainfall, and consequent development of cyclonic and magnetic storms. Such a law, if once established, would prove to be an important means of weather-forecasting over long periods, and, looking backwards over the more remarkable weather events of the century, he finds two witnesses equally for its truth and its value. It has been remarked that a mild winter in Europe often corresponds to a severe one in Asia and America, and that a mild winter in America corresponds to a severe one in The years 1816-17 were marked in Europe. the history of Europe by a general famine and The wet was such that the harvests failed entirely. But the southwest wind which blew without cessation over the western part of the Continent, and which drenched it in its vapours, did not extend beyond Poland, and it was the south of Russia whose corn supported famished Europe. Again, many persons can still remember the increased impulse given to the commerce between Europe and America by the drought of 1846, which damaged the corn crops in Europe, while America had an abun--A piece of zinc put on live coals in the dant harvest. Such facts forcibly illustrate the important part played in the life of nations by

APRIL, 4th Month.

•	Weeks and Days.		h	Moor R. & : h m	S. Place.	south.	
	Friday	1 Theodora	7		9 4828		1.Ri.se.957 45 45 6 15 20
	Saturday	2 Theodosia	8	1 3	7 6 11	7 15	Alde.se.1038 45 446 1621
	14] P	alm Sunday.		M	atth. 2	1.	Days' length 12 hours 36 min.
	Sunday	3 Ferdinand	8	2 3	3 4 25		h sets 1 41 4 5 42 6 18 22
	Monday	4 Ambrosius	9		0 3 8		\$\delta\ \text{in } \infty \delta\ \text{stationary} \ 3 \delta\ \text{116 } 19 23
	Tuesday		10		6 221		h□⊙ ♀ sets 8 54 3 5 40 6 20 24
	Wednesd	0 11	11				24 rises 6 30 35 39 6 21 25
pt.	Thursday			5 1	0 55 16	11 55	Din per. 33 2 2 5 37 6 23 26
1	Friday Saturday	8 Good Friday 9 Prochorus		rise	6 5 29	morn.	8. 4dD 25 36 6 24 27
• •			1				Orion sets 11 1 2 5 35 6 25 28
		aster.			lark 16		Days' length 12 hours 54 min.
	Sunday	10 Easter Sun.	2	8 4	2 4 23	1 46	Regulus south 845 1 5 33 6 27 29
		11 Easter Mon.			7 5 5	2 42	Spica south 11 59 15 326 28 30
		12 Eustachius	4		9 4417	3 38	\$\frac{9}{3}\$ \text{ sets } 9 \ 06 \\ \mathred{\text{3}} \text{ b sets } 1 \ 03 \\ \mathred{\text{3}} \text{ 5 } \ 31 \ 6 \ 29 \ 31 \\ \mathred{\text{3}} \text{ 5 } \ 29 \ 6 \ 31 \\ A.
		13 Justinus			3 29	4 33	
		14 Tyburtius 15 Olympia			1. 311		14 \$\text{\$\partial}\$ \text{\$\partial}\$ \$\
		16 Calixtus		12 12 5	9 23 23		24 rises 6 10 15 27 6 33 3 Antares ris. 10 18 15 25 6 35 4
		t Sunday after			John		Days' length 13 hours 12 min.
		17 Rudolph	8	1 4	0 3 17	7 52	hin@ \gr.dist.west 15 246 36 5
		18 Æneas	9	2 1	6 2 0	8 37	ğ rises 4 39 15 23 6 37 6
		19 Anicetus	9	2 5	7 鉴13		Dapo.Rigels.10 46 1 5 22 6 38 7
		20 Sulpitius 21 Adolarius	10		9 = 27		\$\frac{1}{2} \frac{1}{2} \frac
			11 12		3 26		2 sets 9 31 15 20 6 40 9
		23 St. George	1	sets			36 bse.12 19 1 5 18 6 42 10 23. Sir.se. 9 36 25 17 6 43 11
		Sunday after 1			John :		Days' length 13 hours 28 min.
		24 Albert	2	,	1 26		330 Neptune 3) 2 5 16 6 44 12
		25 Mark Evan.			11		25 156 4412 26 Orion se. 1002 25 156 4513
	Tuesday				3 26		♀ sets 9 41 25 146 46 14
		27 Anastasius	41		3 = 10		h sets 12 05 25 12 6 48 15
	Thursday	28 Vitalis	5 1		824		500 4 so. 11 31 \(\) 35 11 6 49 16
		29 Sybilla	6	norn	. 6 8	5 9	Wega ri. 7 19 3 5 10 6 50 17
	Saturday 3	30 Eutropius	7 1	2 40	£22	6 4	30.7*sets838 35 96 51 18
	T	11 00.1 1 0				~	

JUPITER is on the 20th in Opposition with the Sun and shines the whole night. MARS is on the 24th in Conjunction with the Sun and cannot be seen.

April has 30 Days

MOON'S PHASES, &c.

First quarter the 1st, at 8 o'clock 52 min. in the morning; rain.

Full moon the 8th, at 12 o'clock 39 min. in

the morning; cold and stormy.

Last quarter the 14th, at 11 o'clock 3 min. in the evening; cold and frosty.

New moon the 23d, at 3 o'clock 52 min. in

the morning; rainy.

First quarter the 30th, at 6 o'clock 1 min. in the evening; rain and stormy.

Probable State of the Weather.

1st changeable; 2d, 3d pleasant; 4th, 5th, 6th cloudy; 7th, 8th, 9th pleasant; 10th, 11th northwind; 12th, 13th cloudy; 14th, 15th, 16th cold; 17th, 18th clear; 19th, 20th, 21st pleasant; 22d, 23d, 24th rain; 25th, 26th pleasant; 27th, 28th cloudy; 29th, 30th clear.

Court of Quarter Sessions and Common Pleas.

4 Perry 11 Centre	25
4 Susquehanna 11 Bucks	25
4 Lehigh 11 Blair	25
	25
	25
	25
II Lebanon 18 Unester	25
	25
11 Cameron 10 Clarion	25
11 Bedford 18 Franklin	25
11 Adams 18	
	4 Busquehanna 11 Bucks 4 Lehigh 11 Blair 4 Wyoming 11 Somerset 4 Northampton 11 Venango 11 Mifflin 11 Lebanon 18 Chester 11 Lancaster 18 Juniata 11 Cameron 18 Clarion 11 Bedford 18 Franklin

variations in atmospheric currents, and the examples adduced correspond with the periods of maximum sun-spots and minimum sun-spots compiled for the century by Dr. Wolf. According to Dr. Lonie we are again approaching just such another period of maximum sunspots as happened in the year 1846.

—Tobacco refuse, like the stems, is a powerful and quick-acting fertilizer, particularly rich in mineral elements, and at the same time distasteful to insects. Used liberally as a mulch for gooseberries and currant bushes, it generally protects them from the attacks of the troublesome worm. Applied in the same way around squash and other vines in the garden, it has a tendency to keep the striped bug and the squash borer at bay.

-A cup of strong coffee will remove the odor of onions from the breath.



Calender on Your Fingers.

This is the way that an old timer manages to keep the days of the week that months open with. It will be found correct and interesting to such people who have a memory for such things:

What day of the week did January come in on?' asked Grandpa Martin. 'If you can tell that, I can tell you the day that any month will come in on, by help of a little lingo I learned from my father when I was a boy. Monday, did you say?' and grandpa held up his hands preparatory to counting his fingers. Now, April is the month; let us see: 'At Dover dwelt George Brown, Esq., good Christopher French and David Frier.' We go by the first letters of these words-1, 2, 3, 4-At Dover dwelt George-G is the letter we want, and it is the seventh in the alphabet. January came in on Monday, you say. Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday-seven: April comes in on Sunday. Take February—second month—at Dover. D is the letter, and fourth in the alphabet. Take Monday again as the starting point -Monday, one; Tuesday, two; Wednesday, three; Thursday, four; February comes in on Thursday.'

If you make no mistake in using the rule, it will give you the answer every time. Leap year requires the addition of one day for the last ten months, to allow for the additional day,

the 29th of February.

'I never knew anybody outside of my father's family,' continued grandpa, 'who knew this little lingo and how to use it. He taught it to his children, and I have tried to teach it to mine, but they seem to forget it, and I am afraid it will get lost. When father used to go to presbytery, fifty years ago, it often happened that a question of dates and their relation to

MAY, 5th Month.

Weeks and Days. Remarkable Days. R. & S. h h m Moons Place. South. Miscellaneous Partifast rises. Sun fast rises. South Moons South. R. & S. h m h m h m h m h m
18] 3d Sunday after Easter. John 16. Days' length 13 hours 40 min.
Sunday 1 Philip & Ja. 7 1 27 3 5 6 58 in Perihelion 3 5 8 6 52 19
Monday 2 Sigismund 8 2 23 22 3 7 52 2 sets 9 52 3 5 7 6 53 20
Tuesday 3 Inv. of Cross 9 2 53 5 1 8 48 4 south 11 05 35 6 6 54 21
Wednesd 4 Florianus 10 3 47 3 13 9 40 30 2 Sir. se. 8 46 3 5 5 6 55 22
Thursday 5 Godard 11 4 27 25 10 34 per. gr.hel.lat.s. 35 46 56 23
Friday 6 Aggeus 12 4 59 7 711 29 5 h sets 11 36 45 26 58 24
Saturday 7 Domicilla 1 rises 20 morn. 7. Spi. so. 10 20 45 16 59 25
19] 4th Sunday after Easter. John 16. Days' length 14 hours 0 min.
Sunday 8 Stanislaus 1 8 22 40 2 12 25 7* sets 8 4 4 5 0 7 0 26
Monday 9 Job 2 9 14 14 1 22 2 sets 10 03 44 59 7 127
Tuesday 10 Gordianus 3 10 5 625 2 19 Antares ri. 8 49 U 4 4 58 7 2 28
Wednesd 11 Mamertus 3 10 52 7 3 14 24 sets 4 1 4 4 57 7 3 29
Thursday 12 Pancratius 411 35 19 4 8 Orion sets 8 58 44 56 7 4 30
Friday 13 Servatius 5 morn. 1 5 47 5 rises 11 11 4 4 55 7 5 M
Saturday 14 Christianus 5 12 15 13 6 33 4 14 Arcs 10 45 4 4 54 7 6 2
20] 5th Sunday after Easter. John 16. Days' length 14 hours 14 min.
Sunday 15 Sophia 6 12 50 326 7 17 Librae south 11 39 4 4 53 7 7 3
Monday 16 Peregrine 7 1 26 9 8 0 2 sets 10 13 4 4 527 8 4
Tuesday 17 Jodocus 8 1 57 = 22 8 42 Dap. & Proc. s. 10 15 4 4 52 7 8 5
Wednesd 18 Liborius 9 2 48 5 9 24 Neptune 6 0 4 4 51 7 9 6
Thursday 19 Ascension 10 3 19 20 10 7 in 8 24 sets 3 27 4 4 50 7 10 7
Friday 20 Torpetus 11 3 52 3 4 10 51 h sets 10 45 44 497 11 8
Saturday 21 Prudence 12 4 28 19 11 12 503 D @ enters 4 4 48 7 12 9
21] 6th Sunday after Easter. John 15. Days' length 14 hours 24 min.
Sunday 22 Helena 1 sets 411 59 22. Rig. se. 737 44 48 7 12 10
Monday 23 Desiderius 2 8 5 \$20 1 18 \$20 Pgr.Hel.lat.n. 4 4 47 7 13 11
Tuesday 24 Esther 2 8 58 5 2 11 \pin \pin \pi sets 10 20 \square 3 4 46 7 14 12
Wednesd 25 Urbanus 3 9 53 20 3 6 30 Castor se. 8 39 3 4 45 7 15 13
Thursday 26 Edward 4 10 44 4 4 4 0 bd 24 sets 2 57 3 4 44 7 16 14
Friday 27 Lucianus 5 11 42 218 4 58 \$60 Superior 3 4 43 7 17 15
Saturday 28 William 6 morn. 2 5 48 5 in Perihelion 3 4 43 7 17 16
22] Whitsuntide. John 14. Days' length 14 hours 36 min.
Sunday 29 Whitsunday 7 12 53 32 15 6 40 5 sets 9 53 34 42 7 18 17
Monday 30 Whitmonday 8 1 22 28 7 3 30.9 sets 10 26 34 417 19 18
Tuesday 31 Manilius 9 1 57 310-7 35 30 & Spica so 844 34 417 1919
Tuesday, by Translate to the translate t

May has 31 Days.

MOON'S PHASES, &c.

Full moon the 7th, at 9 o'clock 1 min. in the morning; changeable.

Last quarter the 14th, at 3 o'clock 17 min. in

the afternoon; pleasant and mild.

New moon the 22d, at 6 o'clock 5 min. in the evening; rainy.

First quarter the 30th, at 12 o'clock 9 min.

in the morning; brings rain.

Probable State of the Weather.

1st, 2d pleasant; 3d, 4th cloudy; 5th, 6th, 7th showers; 8th, 9th, 10th pleasant; 11th, 12th, 13th, 14th changeable; 15th, 16th warm; 17th, 18th thundergust; 19th, 20th changeable; 21st, 22d rain; 23d, 24th pleasant; 25th, 26th, 27th agreeable; 28th, 29th rain; 30th, 31st clear.

SUPREME COURT—at Harrisburg 30 Court of Quarter Sessions and Common Pleas.

Erie	2 Lackawanna	2 Union	10
Bradford	2 Crawford	9 Pike	. 16
Lycoming	2 Westmoreland	9 Montour	23
Tioga	2 Jefferson	9 Snyder	23
Schuylkill	2 Washington	9 Monroe	2:
Wayne	2 Clinton	9 Sullivan	23
Columbia	2 Forest	16 Elk	23
Northumberland			
TA AL DITITION DOLLOW			

days would come up, and no almanac at hand: in fact, the question might be as to some day of the next year; but almanac or not, my father could always find the fact wanted with just the little key of the first day of the years.'

—The easiest and simplest remedy for chapped hands is found in every household. Take common starch and grind with a knife until it is reduced to the smoothest powder. Take a clean box and fill it with starch thus prepared. Every time the hands are taken from the suds or dish water wipe them, and while they are yet damp rub a portion of starch thoroughly over them, covering the surface. The effect is magical. The rough smarting skin is cooled, soothed and healed, bringing and insuring the greatest degree of comfort and freedom from this by no means insignificant trial.

-Carpets should be thoroughly beaten on the wrong side first and then on the right side, after which spots may be removed by the use of ox-gall or ammonia and water.



How to Know when Leap Year is Coming.

Every single girl who is slow in being courted and who has made a resolve to move for herself, anxiously awaits the approach of leap year, for then she knows an opportunity will be presented to do a little courting herself. The question is frequently asked if the year 1900 will be leap year, and if not, why not?

The following will be of service to her:

Every year not ending in two ciphers which is exactly divisible by 4, and those ending in two ciphers, which are exactly divisible by 400,

are leap years of 366 days.

The years 1880 and 1884, for example, were leap years, being devisible by 4, and the years 2000 and 2400 will be leap years, being divisible by 400, but the years 1887 and 1900 will not be leap years, the one not being exactly divisible by 4, and the other, which ends in two ciphers, not being divisible by 400. If every fourth year were made a leap year, six hours would be allowed for the excess of the solar year over an exact number of solar days, whereas the solar year actually exceeds the common year but by 5 hours 48 minutes and 49.7 seconds. The difference of 11 minutes and 10.5 seconds would in 400 years amount to 74 hours 28 minutes and 40 seconds, or something over three days. Hence three years in every 400 -those representing the exact hundreds not divisible by 400 -are excluded from the list of leap years. There remains still a gain of 2 hours 28 minutes 40 seconds in every 400 years to take account of, but as at that rate of gain it will require about 3,875 years for our calendar to gain a day, few practical people are disposed to worry over it.

—Unslacked lime near meat preserves it by keeping the air dry.

JUNE, 6th Month.

Weeks and Days. H. Moon R. & S. h. Moons
Thursday 2 Marcellus 11 2 55 5 5 9 18 1 in perigee 240 24 40 7 20 21
Friday 3 Erasmus 11 3 36 17 10 12 by sets 9 40 24 39 7 21 22 Saturday 4 Darius 12 4 0 28 11 7 4 sets 2 21 24 39 7 21 23 23] Trinity Sunday John 3. Days' length 14 hours 42 min. Sunday 5 Bonifacius 1 rises 10 morn. 5 Lib.so.10 14 24 39 7 21 24 Monday 6 Artenius 2 8 12 22 12 2 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 52 4 1 0 Antar. so. 11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 y gr. Hel. lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 4 sets 1 53 14 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31
Saturday 3 Erasmus 11 3 36 17 10 12 b sets 9 40 24 39 7 21 22 23] Trinity Sunday. John 3. Days' length 14 hours 42 min. Sunday 5 Bonifacius 1 rises 10 morn. 5.Lib.so.10 14 24 39 7 21 24 Monday 6 Artenius 2 8 12 22 12 3 2 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 8 4 1 0 Antar. so. 11 17 24 38 7 22 25 Wednesd 8 Medardus 3 9 52 16 1 58 gr. Hel·lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 24 sets 1 53 14 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31
23] Trinity Sunday. Sunday 5 Bonifacius 1 rises 10 morn. 5.Lib.so.10 14 24 39 7 21 24 Monday 6 Artenius 2 8 12 22 12 3 9 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 8 4 1 0 Antar. so. 11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 9 r. Hel·lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 5 sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 24 sets 1 53 14 36 7 24 30 24 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31 12 12 13 14 36 7 24 31 14 36 7 24 31 15 14 36 7 24 31 15 15 15 15 15 15 15
23] Trinity Sunday. Sunday 5 Bonifacius 1 rises 10 morn. 5.Lib.so.10 14 24 39 7 21 24 Monday 6 Artenius 2 8 12 22 12 3 2 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 8 4 1 0 Antar.so.11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 2 gr. Hel·lat.north 14 38 7 22 27 Thursday 9 Cor. Christi 410 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 5 sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 24 sets 1 53 14 36 7 24 30 24 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31 3 3 5 5 5 5 5 5 5 5
Monday 6 Artenius 2 8 12 22 12 3 9 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 8 4 1 0 Antar. so. 11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 \$gr. Hel·lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 5 sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 27 sets 1 36 7 24 30 24 1st Sunday 1st Sunday 1st Sunday 1st Sunday 1st Sun
Monday 6 Artenius 2 8 12 22 12 3 2 sets 10 25 24 38 7 22 25 Tuesday 7 Lucretia 3 9 8 4 1 0 Antar. so. 11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 gr. Hel. lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 24 sets 1 53 14 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31
Tuesday 7 Lucretia 3 9 8 4 1 0 Antar. so. 11 17 24 38 7 22 26 Wednesd 8 Medardus 3 9 52 16 1 58 § gr. Hel. lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 4 sets 1 53 14 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31
Wednesd 8 Medardus 3 9 52 16 1 58 \$ gr. Hel. lat. north 14 38 7 22 27 Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 14 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b, sets 9 35 14 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 4 sets 9 5 14 36 7 24 30 24 1st Sunday after Trinity Luke 16 Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn 5 5 12 Castor se 10 8 14 36 7 24 31
Thursday 9 Cor. Christi 4 10 22 28 2 48 Altair south 12 34 1 4 37 7 23 28 Friday 10 Flavius 5 11 8 10 3 39 b sets 9 35 1 4 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 4 sets 1 53 1 4 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 1 4 36 7 24 31
Friday 10 Flavius 5 11 8 10 3 39 h sets 9 35 1 4 37 7 23 29 Saturday 11 Barnabas 6 11 47 22 4 27 4 sets 1 53 1 4 36 7 24 30 24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 14 36 7 24 31
Saturday 11 Barnabas 6 11 47
24] 1st Sunday after Trinity. Luke 16. Days' length 14 hours 48 min. Sunday 12 Basilides 6 morn. 5 5 12 Castor se. 10 8 1 4 36 7 24 31
Sunday 12 Basilides 6 morn. 5 5 12 (Castor se. 108 1 4 36 7 24 31
Monday 13 Tobias 712 13 2218 5 56 W 13. 2 se. 10 24 14 36 7 24 J
Tuesday 14 Heliseus 8 12 47 1 6 38 Dap 8 Weg so 1 03 24 36 7 24 2
Tuesday 14 Heliseus 8 12 47 1 6 38 Dap. 8 Weg. so. 1 03 3 4 36 7 24 2 Wednesd 15 Vitus 8 1 23 14 7 20 Spica sets 1 7 2 4 35 7 25 3
Thursday 16 Rolandus 9 2 16 28 8 2 sets 9 12 14 35 7 25 4
Friday 17 Nicander 10 2 39 313 8 46 24 sets 1 28 14 35 7 25 5
Saturday 18 Arnolphus 10 3 43 28 9 31 Neptune 3 D 14 35 7 25 6
25] 2d Sunday after Trinity. Luke 14. Days' length 14 hours 50 min.
Sunday 19 Gervasius 11 4 6 13 10 39 30 3 rises 3 40 14 35 7 25 7
Monday 20 Sylverius 12 4 37 128 11 10 \$65 Arctur. so. 8 14 14 35 7 25 8
Tuesday 21 Raphael 1 sets 1312 4 210e. Lon. D. 14 34 7 26 9
Wednesd 22 Achatius 1 8 33 28 12 59 Sum. com. 0 24 35 7 25 10
Thursday 23 Agrippina 2 9 19 13 1 55 9 sets 10 11 24 35 7 25 11
Friday 24 John, Bapt. 310 8 27 2 50 96 b sets 8 41 24 35 7 25 12
Saturday 25 Elogius 4 10 45 411 3 45 Procyon sets 7 36 24 35 7 25 13
26] 3d Sunday after Trinity. Luke 15. Days' length 14 hours 50 min.
Sunday 26 Jeremiah 5 11 26 3 24 4 58 24 sets 1 02 3 4 35 7 25 14
Monday 277 Sleepers 611 59 7 5 30 7* rises 1 50 34 35 7 25 15
Tuesday 28 Leo 7 morn. 19 6 21 28 3r. 3 28 ppe. 34 36 7 24 16
Wednesd 29 St. Peter 8 12 39 2 7 13 2 430 8 34 36 7 24 17
VV (3) 1 (3) 1 (4)
Wednesd 29 St. Peter 8 12 39 2 7 13 243 8 34 36 7 24 17 Thursday 30 Lucina 9 1 27 214 8 5 \text{gr. distance east 34 36 7 24 18}

MOON'S PHASES, &c.

Full moon the 5th, at 5 o'clock 38 min. in the evening; clear and pleasant.

Last quarter the 13th, at 8 o'clock 34 min. in

the morning; changeable.

New moon the 21st, at 5 o'clock 52 min. in the morning; clear and pleasant.

First quarter the 28th, at 5 o'clock 1 min. in the morning; clear and pleasant.

Probable State of the Weather.

1st, 2d cloudy; 3d, 4th rain; 5th, 6th, 7th pleasant; 8th, 9th thundergust; 10th, 11th clear; 12th, 13th, 14th changeable; 16th, 16th rain; 17th, 18th pleasant; 19th, 20th clear; 21st, 22d, 23d rain; 24th, 25th, 26th warm; 27th, 28th thundergust; 29th, 30th pleasant.

Court of Quarter Sessions and Common Pleas.

Warren 6 L Armstrong 6 C Delaware 6 M Fayette 6 C Allegheny 6 F	Lehigh 6 Plearfield 6 Montgomery 6 Cambria 6 Fulton 13	Northampton Carbon M'Kean Lawrence Greene	13 13 20 20 20 20
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When to have Chickens Hatched.

Chickens hatched before May 1 are the ones that win at the exhibitions and also lay the most eggs the following winter. To hatch before March 15 is generally to have them moult in the fall and then become prematurely old hens. The following is the best time for the different breeds: Let the Brahmas, Cochins, and Langshans, commence to hatch by March 15 and continue until June 1; Plymouth Rocks and Wyandotts from April 15 to July 1. The old rule is a good one: "Never hatch chicks after having time;" it cannot be made to pay. Fowls do not require as much room in winter as during summer, and a very small place will answer nicely if kept clean and well lighted and gets the sun during a portion of the day at least, although they should have the sun's rays during the entire day if it can be so arranged; nothing will supply its place when eggs in winter and early spring chickens are wanted. The best morning meal for chickens are middlings with a small quantity of bone meal, salt and pepper, and mixed with boiling water; let it be crumbly, and not suggy.



Good Rules for Telling the Age of a Horse.

The full-grown horse possesses twenty-four back teeth; that is six in each side of each jaw. These are called molars or grinders. He has twelve front teeth, that is six in each jaw. Mares have no tushes. The foal has, either at his birth or shortly afterward, eight milk teeth, that is four in each jaw. At about twelve months two more milk teeth come in each jaw. These remain unchanged till he is three years The mouth of the yearling and two years old cannot be confounded. The yearling mouth shows no sign of use, and the corner teeth are shells only. At two years old these teeth are strong and well grown, and the corner teeth filled up. A little before three years old the two centre teeth of each jaw fall out, and are replaced by permanent teeth. A little before four the two teeth on each side of the centre teeth are replaced by permanent ones. A little before five the two remaining teeth are shed, and in their place come permanent ones. upper milk teeth usually fall out first.

Thus the mouth is complete as to its front teeth. The corner tooth, however, is but imperfectly developed, being at present a shell This shell, at six years old, has filled up, and is a complete tooth. This is the difference between a five and a six-year old. tushes appear between three and a half years and four years old, and they take nearly two years to arrive at their full growth. These teeth, as the horse grows older, get blunter and shorter, and so, to an experienced judge, are a sure indication of age. Up to six years old the mouth is in a distinct and periodical state of structural change. There is no difficulty in determining the age up to that date. After that the age must be judged by the shape of the mouth and the appearance of the teeth

JULY, 7th Month.

Weeks and Days.	Remarkable Days.	h h m Place. s	outh. culars.	sun sun sun sun sies. sets. m h m h m
Friday Saturday	1 Theobald 2 Visit. V. M	0 1 59 26	8 58 \(\psi \text{sets} \ 8 \ 9 \cdot \text{apo.} \cdot \) 9 53 \(\psi \text{ mets} \ 12 \ 24 \cdot \)	4 4 36 7 24 19 4 4 36 7 2 2 2 0
	h Sunday after			
Sunday.	3 Cornelius		0 48 g sets 10 1	44 37 7 23 21
Monday	4 Independence		1 43 Wega south 11 41	44 37 7 23 22
Tuesday	5 Demetrius 6 John Huss	1 rises 313 n 1 8 29 325 1	norn. 5. & rises 3 20	44 38 7 22 23
8		2 9 7 7 7	2 37 Antar. so. 922	
Thursday			1 29 h sets 8 00	54 387 2225
Friday	8 Aquilla		2 19 Orion rises 4 11	5 4 39 7 21 26
Saturday			3 6 24 sets 11 59	54 397 2127
	th Sunday after	1,0	2/ 1/2	
Sunday	10 Israei		3 50 Dog days com.	5 4 40 7 20 28
Monday	11 Pius		4 33 8 \$\times \text{in Aphelion}	5 4 40 7 20 29
	12 Henry	6 11 49 8 11	5 15 Dapo. Arct. se. 1 54	5 4 41 7 19 30
	13 Margaret		5 57 13.9 gr.dis.ea.	
	14 Bonavent		6 40 U 2 sets 9 49	6 4 42 7 18 2
	15 Apostles' day		7 24 5 stationary	6 4 43 7 17 3
Saturday	16 Hilary	9 1 22 7 7	8 10 3 rises 3 07	6 4 43 7 17 4
29] 6	th Sunday after	rinity. Matth.	.5. Days length 14 he	ours 32 min.
Sunday	17 Alexius	10 1 56 3 22	9 0 b sets 7 26	6 4 44 7 16 5
Monday	18 Maternus	11 2 21 2 7	9 52 g in 8 hd 0 30)	
Tuesday	19 Ruffina	12 3 31 22 1	0 47 4 1 O 4 sets 11 22	64 467 14 7
Wednesd		1 sets 4 71	1 43 20. hd)	64 477 13 8
Thursday	21 Praxedes	2 8 7 6 21 1	2 40 \$\dagger \dagger	
Friday	22 Mary Maga	2 8 50 3 5	1 37 Reg.se. 8 35 Oen	6 4 48 7 12 10
Saturday	23 Apollinaris	3 9 24 3219	2 32 Pd) 3 rises 2 58	6 4 49 7 11 11
301 7	th Sunday after	rinity. Mark		ours 20 min.
Sunday	24 Christiana	4 9 54 3	3 26 per. Spi. se. 1027	
	25 St. James		4 18 ්රට ක Pol. se. 8 19	
Tuesday	26 St. Anns		5 10 243) 24 sets 10 56	
	27 Martha	711 53 4 10	6 2 27.We.so.104	
	28 Pantaleon		6 54 ₹ \$6⊙ Inferior	
Friday	29 Beatrix		7 47 2 sets 9 03	64 547 617
	30 Abden	Lent A		64 557 518
	th Sunday after	7-0 m .	.7. Days' length 14	
	31 Germanus		9 36 Aldeb. ris. 12 49 U	
<u> </u>				0 4 30/1 4/19
SATURN	is on the 18th in	onjunction with the	e Sun and cannot be seen.	

July has 31 Days.

MOON'S PHASES, &c.

Full moon the 5th, at 3 o'clock 34 min. in the morning; thundergust.

Last quarter the 13th, at 1 o'clock 57 min. in

the morning; clear.

New moon the 20th, at 3 o'clock 50 min. in

the afternoon; changeable.

First quarter the 27th, at 9 o'clock 30 min. in the morning; changeable.

Probable State of the Weather.

1st, 2d, 3d cloudy; 4th, 5th, 6th showers; 7th, 8th hangeable; 9th, 10th, 11th warm; 12th, 13th, 14th warmest days; 15th, 16th showers; 17th, 18th, 19th clear; 20th, 21st pleasant; 22d, 23d showers; 24th, 25th, 26th, 27th pleasant; 28th, 29th cloudy; 30th, 31st clear.

Court of Quarter Sessions and Common Pleas. Allegheny Schuylkill 4 Blair

called the mark. At six years of age the cups leave two centre teeth above; at seven, the next two above; and at eight, the outer and corner teeth above.

At nine the two centre teeth below lose the cups, at ten the next two below, and at eleven the outer or corner teeth below. After a little practice the close observer can scarcely make a mistake. The changes that occur are the same in all horses, or nearly so.

How to Purify Cisterns.

Cisterns become foul from organic matter flowing in with the water from the roof. only way to purify the water, while in the cistern, is to throw in some substance or substances that will chemically unite with the impurities, forming an insoluble compound that will be precipitated to the bottom. Dissolved alum will effect this, but will leave the water hard. Hypermanganate of potassa, which can fancy things, in too common use. be purchased at any drugstore, will precipitate the impurities and at the same time leave the water softer. About one ounce of the comshould be added until this coloring disappears. the effects of the poison.



The Best Lightning-Rod.

In general, lightning-rods cost a great deal too much, and are often badly made and set up. They are not things to play, or fool with, and a bad rod is worse than none, for it may attract the lightning and then fail to carry it off without damage. The best rod is of threequarter inch iron, drawn to a long, sharp point, which should be made smooth, and gilded, or coppered. The sections must be fastened together with screw ferules, and the ends should be filed smooth and bright, and be fixed in contact. It is quite safe if fastened to a pole a few feet higher than the building and set near to it, and it should extend ten or twelve feet above the pole. There is no need for glass fittings, as insulators; iron eyes screwed into the pole, or hooks fixed to bands to fit around the pole, are quite as safe as glass holders, which are useless when wet.

The chief point is the ground connection. This should be carried into permanently moist earth, or, better still, into water. We might give reasons for all this, but if one wishes to know the why and the wherefore, he should study a handbook of electricity, and he will learn enough to make him quite a match for the peripatetic lightning-rod agents, who, as a rule, are not desirable visitors. A perfectly safe and effective rod may be put up in the way above described for ten to twenty five dollars, and will be worth more than any of the patent

-It is claimed that if persons liable to the effects of poison-ivy will take a dose of pure pound to fifty gallons of water is the usual pro- olive oil after exposure to such ivy they will portion. The chemical reaction is marked by escape annoyance. If the eruption has already a purple coloring, and the hypermanganate begun, a few doses of olive oil will neutralize

AUGUST, 8th Month.

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	Weeks and Days.	Remarkable Day	s, w. R.	m Place.	1	culars.	810. I		sun sets,	O. styl
	Monday Tuesday	1 Lammas Do 2 Stephen	y 11 3 12 4	16 310	10 29	gr. Hel.lat.so.	U 6 4	577	3 2	20
	Wednesd			11 76666	11 21	2 sets 8 48	64	587	22	
	Thursday	y 4 Dominic	1 ri	20 4	morn.	3. 3 rises 2 4 sets 10	47 6 4	597	12	
	Friday	5 Oswald	2 7	57 4 20	12 12	4 sets 10	22 6 5	0 7	0 2	
		6 Tr. of Chris		57 3 29 29 = 12	1 0	Altair south 10 Sirius rises 4 3	$\begin{array}{c c}42 & 65 \\ 0 & 65\end{array}$		59 2 58 2	
		th Sunday after				Days' length 13				0
	Sunday		4 9			Xata Wans as O	OFIFE			_
		8 Emilius	5 9	37	2 11	ysta.Wegaso.9	25 5 5	36		
	Tuesday	9 Ericus	6 10	11 21	3 53	♥ Dap.♥Reg.s.7♀ sets 8 32	33 3 3	46		
	Wednesd	10 St. Lawrence		50 4	1 35	rises 2 41	55	56		
	Thursday	11 Titus	711	43 18	5 18	11Fom sol	5 5 25 5 5	66		
	Friday	12 Clara	8 mo	rn. 2 2	6 3	24 sets 9 53	55	76 86		
	Saturday	13 Hildebert	912	20 17		Spica sets 9 10	55	96		
	33] 10	th Sunday after	r Trinit	y. Luke		Days' length 13	3 hours	38 mi	in	•
	ounday	14 Eusebius	9 1	10 - 2	7 400	Rigel rises 2 00	- 45	11/6	40 6	
	Monday	15 Assn. V. M.	10 2	8 4816	8 32	great. brillian	40	110	49 2	5
1	Tuesday	16 Rochus		58 4 1	9 28 8	ggr.dist.west30)	5 45	146	46)
	Wednesd	17 Bertram		48 6 15	0 208	3D \(\text{ri.4} \) 30 mor	7 4 J	146	40 4	F
-	Thursday	18 Agapetus		33 = 29	1 18	rises 2 36	11. 45	166 4		
]	Friday	19 Sebaldus	1 set	s 3 2 13 1	1 56	19. 24 sets 9 2	22 35	176	$\begin{array}{c c}44 & 6\\43 & 7\end{array}$	
4	Saturday	20 Bernard	2 7	53 3 27	1 10 5	in per. 2 sets 7	3 35 1	186 /	10 6	,
_		th Sunday after				Days' length 13				
2		21 Rebecca	3 8	45 5 10		in Aphel. 290)				
	Monday	22 Philibert	1			Dog Days end.	35 9	20,6 4	040	
1	l'uesday	23 Zacheus	4 9 3			(ර) ⊙ enters ≰	2 2 5 2			
1	Wednesd	24 St. Barthol.	5 10 3	32 19	4 508	in Perihelion	$\frac{25}{25}$	2363		
		25 Ludovicus	6 11 1		5 44	25.2f sets 9 1	$0 \tilde{2} \tilde{5} \tilde{2}$	16 3	613	
		26 Samuel	711 5		6 38	Orion rises 1	$3 \overset{\sim}{2} \overset{\sim}{5} \overset{\sim}{2}$	563	514	
2	saturday 2	27 Gebhard			7 32 3	rises 2 31		76 3	3 15	
_		th Sunday after			7.	Days' length 13	hours 4	4 min	1.	
	unday 2	8 St. Augustin	9 12 3	7 61 8	3 25 30	3h 7* rises 9 44	115 20	26 29	216	
	- CITALOU Y	00 No. 0 01010 0010.	10 1 3	9 3 1 9	179	sets 7 25	15 29	16 3	17	
1	uesday 3	ou benjamin	11 2 4	1 5 01) 7 St	oica sets 88	05 30	16 36	119	
V	vednesd 3	1 Paulinus	11 3 4	2 3 13 10	11 2s	ta. Wega so. 754	05 3	6 20	119	
						0	1 0,0 01	.,0 20	110	

August has 31 Days.

MOON'S PHASES, &c.

Full moon the 3d, at 3 o'clock 40 min. in the afternoon; changeable.

Last quarter the 11th, at 6 o'clock 36 min. in the evening; clear and pleasant.

New moon the 19th, at 12 o'clock 38 min. in the morning; clear and pleasant.

First quarter the 25th, at 3 o'clock 21 min. in the afternoon; changeable.

Probable State of the Weather.

1st, 2d cloudy; 3d, 4th changeable; 5th, 6th, 7th rain; 8th, 9th, 10th pleasant; 11th, 12th, 13th cloudy; 14th thundergust; 15th, 16th, 17th changeable; 18th, 19th, 20th, 21st pleasant; 22d, 23d rain; 24th, 25th, 26th changeable; 27th, 23th, 29th pleasant; 30th, 31st rain.

Court of Quarter Sessions and Common Pleas.

Mercer	1 Wyoming	15 Venango	22
Lackawanna	1 Adams		22
Perry	1 Washington	15 Mifflin	22
Susquehanna	8 Lancaster	15 Somerset	22
Northampton	8 Huntingdon	15 Westmoreland	29
Berks	8 Lebanon	22 Tioga	29
Chester	8 Centre		29
Cameron	8 Clarion	22	

How to Cleanse Waste-Pipes.

One of the most frequent and trying annoyances of housekeeping is the obstruction to the free, quick outlet of the waste-water of the washstand, the bath-tub and the kitchen-sink. This is caused by a gradual accumulation of small bits of refuse material—grease, meat, bones, paper. rags, match-stumps, or other offal - which check. and finally stop, the outflow of the waste-water. A simple, inexpensive method of clearing the pipe is as follows: Just before retiring at night pour into the pipe enough liquid potash lye of thirty-six degrees' strength to fill the trapthat is, the bent portion of the pipe, just below the outlet. About a pint will suffice for a washstand, or a quart for a bath-tub or a kitchensink. Be sure that no water runs into it till the next morning. During the night the lye will convert all the offal of the pipe into soft soap, and the first current of water in the morning will remove it entirely and leave the pipe as clean as new.

-If meat bakes too fast cover with buttered paper.



Health Hints.

There's a skin without and a skin within,
A covering skin and a lining skin;
But the skin within is the skin without,
Doubled inward and carried completely throughout.

The palate, the nostrils, the windpipe and throat, Are all of them lined with this inner coat, Which through every part is made to extend, Lungs, liver and bowels from end to end.

The outside skin is a marvellous plan
For exuding the dregs of the flesh of man;
While the inner extracts from the food and the air
What is needed the waste of the flesh to repair.

Too much brandy, whisky or gin
Is apt to disorder the skin within;
While, if dirty and dry, the skin without
Refuses to let the sweat come out.

Good people all, have a care of your skin, Both that without and that within; To the first give plenty of water and soap, To the last, little else but water, we hope.

But always be very particular where You get your water, your food and your air; For if these be tainted or rendered impure, It will have its effect on the blood, be sure.

The food which will ever for you be the best Is that you like most and can soonest digest. All unripe fruit and decaying flesh Beware of, and fish that is not very fresh.

But of all things the most I would have you beware Of breathing the poison of once breathed air—When in bed, whether out or at home you may be, Always open the windows and let it go free.

With clothing and exercise keep yourselves warm, And change your clothes quickly if caught in a storm, For a cold caught by chilling the outside skin • Flies at once to the delicate lining within.

All you who thus kindly take care of your skin, And attend to its wants without and within, Need never of cholera feel any fears, And your skin may last you a hundred years.

SEPTEMBER, 9th Month.

	, , , , , , , , , , , , , , , , , , ,		
Weeks and Days.	Remarkable Days.	w. R. & S. Moons Moon South. Miscellaneous Partifast rises. Such h h m	sun style
Thursday		12 4 45 25 11 41 24 sets 8 43 0 0 5 32 6 1 rises 2 27 15 33 6	27 24
Friday	2 Eliza	1 rises 5 morn. 22. 8 rises 2 27 10 000	25 22
Saturday	3 Mansuetus	2 7 23 21 12 25 \(\text{gr. Hel. lat. north } 15 35.6	
36] 13	8th Sunday after	3 10 11 0010	
Sunday	4 Moses	3 7 53 4 1 88 h rises 2 13 15 366	
Monday	5 Nathaniel	0 0 0 0 0 0 0 0	23 24
Tuesday	6 Magnus	4 8 52 1 2 32 Sirius rises 2 36 2 5 39 6	21 25
Wednesd	7 Regina		20 26
Thursday	8 Nat. V. M	100	19 27
Friday	9 Bruno	710 36 13 4 43 7 rises 2 22 35 436	
Saturday	10 Pulcheria	7/11 19 12- 5 31 1 10 x 3 Sup \(\) 35 446	16/29
		Trinity. Luke 17. Days length 12 hours 30 n	
Sunday	11 Protus	8 morn. 12 6 21 Wega south 7 11 35 45 6	
	12 J. Wickliffe	9 12 15 26 7 14 h rises 1 43 45 46 6	14 31
	13 Amatus	10 1 27 (10 8 99 gr. Hel. lat.s. hd) 45 486	12 S.
	14 Elev. Holy +	(10) 2 31 321 9 5 33) Altair so. 8 13 4 5 49 6	11 2
	15 Nicetas	11 3 3 3 3 3 3 3 3 3 3 3 10 2 3 3 2 2 sets 5 58 5 50 6	
•	16 Euphemia	12 4 3 3 22 10 58 24 sets 7 51 5 52 6	8 4
	17 Lampertus	1 sets 5 511 51 17 \$ 8 ri. 2 18 6 5 53 6	7 5
	oth Sunday after		nin.
	18 Siegfried	1 7 33 18 12 50 30) in perigee 2 65 55 6	5 6
	19 Micleta	2 8 07 1 1 45 24 D h rises 1 24 65 56 6	4 7
Tuesday		3 8 48 14 2 40 Pd Inferior 75 576	3 8
	21 Emberday	4 9 15 26 3 36 4 sets 7 36 75 586	2 9
Thursday	22 Maurice	5 10 9 4 8 4 31 Aldebaran ri. 9 37 7 5 59 6	1 10
	23 Hoseas	6 10 59 6 20 5 27 Oe. 5 2 equal 86 06	0 11
	24 St. John con	711 52 2 6 21 240r 11 16 aut 86 15	59 12
	ith Sunday after		nin.
	25 Cleophas	8 morn 14 7 14 3 rises 2 11 9 6 3 5	57 13
	26 Justina	912 53 326 8 5 Antares south 827 96 45	56 14
· ·	27 Cosmus	10 1 48 8 8 8 53 sin Fom. so. 10 34 96 65	54 15
	28 Wenceslaus	10 2 44 \$20 9 39 rises 5 34 10 6 7 5	53,16
	29 St. Michael	11 3 40 2 2 10 21 b rises 12 49 10 6 8 5	52 17
	30 Jerome	12 4 37 = 16 11 47 24 sets 7 06 U10 6 10 5	50/18
		nferior Conjunction with the Sun and passes from Even	ning to
Morning St	on the 21st in 1	interior Conjunction with the bar and passed from 2100	8
Troining St	OL.		

September has 30 Days.

MOON'S PHASES. &c.

Full moon the 2d, at 6 o'clock 12 min. in the morning; brings rain.

Last quarter the 10th, at 10 o'clock 3 min.

in the forenoon; rain.

New moon the 17th, at 8 o'clock 59 min. in the morning; changeable.

First quarter the 24th, at 12 o'clock 3 min. in the morning; clear.

Probable State of the Weather.

1st, 2d windy; 3d, 4th, 5th clear; 6th, 7th pleasant; 8th, 9th, 10th showers; 11th, 12th, 13th clear; 14th, 15th cloudy; 16th, 17th changeable; 18th, 19th rain; 20th, 21st pleasant; 22d, 23d rain; 24th, 5th, 26th changeable; 27th, 28th pleasant; 29th, 30th changeable.

Court of Quarter Sessions and Common Pleas.

Beaver	5	Allegheny	6	Union		1
Schuylkill	5	Montgomery	- 5	Potter		- 1
Columbia	5	Franklin	5	Delaware	ŧ.	1
Juniata	5	Erie	- 5	Bedford		1
Fayette	- 5	Butler	. 5	M'Kean	,	2
Cambria	5	Crawford	12	Snyder		2
Armstrong	5	Clinton	12	Sullivan	. ' '	2
Wayne	5	Indiana	12	Forest	" 1	20
Luzerne	5	Bucks	12	Montour	el-	20
Bradford	5	Jefferson	12	Pike ·		20
Warren	5	Philadelphia	19	Monroe	4.	26
Lehigh		Elk		Clearfield		20
Northumberland	5					

Cement for Cast Iron.

says that he used the following recipe with the fall at hand. greatest success for the cementing of iron railing tops, iron gratings to stoves, etc., and with such effect as to resist the blows of a sledge hammer: Take equal parts of sulphur and white lead, with about a sixth of borax, incorporate the three so as to form one homogenous mass. When going to apply it, wet with strong sulphuric acid and place a thin layer of it between the two pieces of iron, which should then be pressed together. In five days it will be perfectly dry, all traces of the cement having vanished, and the iron will have the appearance of having been welded together.

in a cup of strong, black coffee, without sugar, generally foretells a fine day.



Weather Prognostics.

Rain follows two or three consecutive hoar

A shower of hail in the daytime is usually followed by frost at night.

A tinted halo around the sun at setting occurs in long continued rainy weather.

Red-tinged clouds, high up at evening, are followed by wind, occasionally by rain.

If on a fine day, the dust suddenly rise in a revolving, spiral column, rain is near.

Rainbows are unreliable, except they occur in the morning, when rain may be expected.

A dazzling metallic lustre on foliage, during a cloudless day in summer, precedes a change.

Sun dogs and fragments of prismatic colors during the day are signs of continued unsettled weather.

No dew in the morning is mostly followed by rain, a heavy dew in the evening by a fine day.

A halo around the moon, especially if some A correspondent of the English Mechanic distance from it, is a sure indication of down-

> If after rain drops of water still hang on the branches and twigs and to window frames the rain will return, but if they fall and the woodwork dries fine weather is at hand.

> Stones turn damp before wet; at the same time it must be observed that the fact of their doing so does not invariably indicate rain, for they will do so occasionally before heat.

> If the sky be a dull gray, and the sun rises clear, gradually dispersing the vapors it will be If he retires behind the clouds, and there are reddish streaks about, it will rain.

Often a beautiful sunset will be followed by a bad day. After a rainy day, suddenly at —Sick headache may generally be cured by sunset in the far West will appear a magnificent the administration of the juice of half a lemon streak of crimson (not copper colored)—this

OCTOBER, 10th Month.

OOTODILL, TOUT HAVIOR.								
Days.	Remarkable Days.	h h m	Place.	south.	Miscellaneous Parti- culars.	fast rises. sets. m h m m		
Saturday	1 Remigius	1 rises	之29	morn.	1.87*ris.741	106 115 4919		
40] 17t	h Sunday after	Trinity.	Luk	e 14.	Days' length 11 l	nours 26 min.		
Sunday	2 C. Columbus	2 6 4	0 13	12 30	D in apogee by rises 12 35	11 6 12 5 48 20		
Monday	3 Jairus	2 7 1	2 27	1 12	h rises 12 35	116 145 46 21		
Tuesday	4 Franciscus	3 7 4	4 3 11	1 56	orises 2 4	116 155 4522		
Wednesd					2 rises 4 28	126 16 5 44 23		
Thursday			2 於11	3 27	24 sets 6 41	126 17 5 43 24		
Friday	7 Amelia	5 9 3	4 1 25		y in Aphelion			
Saturday	8 Pelagius	6 10 2	2 8 9	5 6	Arctur.sets825	126 205 4026		
41] 18t	h Sunday after	Trinity.	Matt	h. 22.	Days' length 11	hours 18 min.		
Sunday	9 Dionysius	7111 1	5 4823	5 58	9. Sir. ri. 123	8 13 6 21 5 39 27		
Monday 1			1. 4 7		h rises 12 9	136 235 37 28		
	1 Burkhard		7 4 21	7 47	(hd) 7* rises 7 4	136 245 36 29		
Wednesd 1			4 3 4	8 42	stationary 33D	146 255 3530		
	3 Coloman	10 3 3	0 3218	9 37	\$34 & rises 1 57	146 275 330.		
	4 Fortunata				PadD ♀ rises 3 50	146 285 32 2		
Saturday 1					24 sets 6 13 &	146 295 31 3		
42] 19t	h Sunday after			th. 9.		hours 58 min.		
	6 Gallus		27	111 59	16.) in per.	156 31 5 29 4		
	7 Florentina	1 6 4	5 4 10	1 20	Rigel ri. 10	6 15 6 32 5 28 5		
	18 St. Luke, ev.		8 222	2 18	24d) \$Fom.so.91	8 15 6 33 5 27 6		
	19 Ptolomy	3 8 1			h rises 11 46			
	20 Felicianus	4 9	2 316	4 12	ç rises 3 30	156 36 5 24 8		
Friday 2			5 328	5 8	3 rises 1 48	156 37 5 23 9		
Saturday 2			4 310	6 (Reg.ri.11 28 Oe	£ 16 6 38 5 22 10		
	h Sunday after	Trinity.	Matt		Days' length 10			
Sunday 2	23 Severinus	611 5	1 = 22	6 50	23Mar.so.9 10	0.16.6 39.5 21/11		
Monday 2			1. 4		Aldeb.ri.73	5 16 6 41 5 19 12		
Tuesday 2			8 3 16		24 sets 5 38			
	26 Amandus		0 28		ç rises 3 14			
Thursday 2		10 2 1	2 == 11		ggr.di.ea. g se.5 59			
	28 Simon Jud.	11 3 1	3 = 24	10 29	ggr. Hel. lat. south	16 6 45 5 15 16		
	29 Zwinglius	11 4 1	5 7	11 11	8 ggr. brill. Dapo	. 16 6 46 5 14 17		
44] 218	st Sunday after	Trinity	. Joh	n 4.	Day's length 10 l	nours 24 min.		
Sunday 3	30 Serapion	12 5 2	4 21	11 54	hoohri.11	4 16 6 48 5 12 18		
Monday 3	31 Reformation	1 rises	6	morn	31. 3 rises 1 3	8 16 6 49 5 11 19		
		-	101 11					

October has 31 Days.

MOON'S PHASES, &c.

Full moon the 1st, at 10 o'clock 47 min. in the evening; clear.

Last quarter the 9th, at 11 o'clock 57 min.

in the evening; clear and frosty.

New moon the 16th, at 5 o'clock 35 min. in the evening; clear and cold.

First quarter the 23d, at 12 o'clock 45 min.

in the afternoon; rain.

Full moon the 31st, at 4 o'clock 30 min. in the afternoon; clear.

Probable State of the Weather.

1st, 2d pleasant; 3d, 4th, 5th rain; 6th, 7th cloudy; 8th, 9th, 10th pleasant; 11th, 12th rain; 13th, 14th cloudy; 15th, 16th, 17th pleasant; 18th, 19th, 20th changeable; 21st, 22d, 23d, 24th rain; 25th, 26th, 27th pleasant; 28th, cloudy; 29th, 30th, 31st pleasant.

SUPREME COURT—at Pittsburg

Court of Quarter Sessions and Common Pleas.

000000			
Mercer	3 Lawrence	3 Blair	10
Fulton	3 Lackawanna	3 Carbon	10
Lycoming	3 Greene	3 Perry	31
York	3 Washington	10 Chester	31
Allegheny	3 Northampton	101	

Mists at evening over low-lying ground or near a river precede fine and warm days. If a mist in the morning clears off as the sun gets higher, it will be fine, but if it settles down again after lifting a little, rain is at hand.

The man who is out at sunrise can form a pretty accurate opinion of what the day is to be. If just before sunrise the sky, especially in the West, is suffused with red rain generally follows in the course of the day. In winter, often snow.

Huge piled-up masses of white cloud in a blue sky, during winter, indicate snow or hail. If small dark clouds float below the upper ones, moving faster than these, rain will follow, as it will, if in the morning low hanging, pale brown, smoke-like clouds are floating about.

-Ten grains of iodine, dissolved in an ounce of turpentine, forms a solution eminently successful in the treatment of ringworm of the scalp, after the parts have been thoroughly washed and cleaned. It is a painless application, and may be applied to any part.



Beef the most Wholesome Meat.

Even on a limited income beef should be the principal meat, for it is the most wholesome; other kinds make an agreeable change. Use pork sparingly, though it is cheap; beef can be made equally cheap by choosing suitable pieces and cooking well. Take a thick slice of meat from the round, such as you can buy at the market for 10 cents per pound, with no bone and little fat. Get the butcher to split it almost open for you, so you have one large thin steak. No matter how tough, it will be tender as porterhouse steak when ready for the table and quite as toothsome. Lay the meat out smoothly and wipe it dry, but do not wet it. Take a coffee cup full of fine bread crumbs, a little salt and pepper, a little powdered thyme or other sweet herb, and just enough milk to moisten to a stiff dressing. Mix well and spread over the meat. Roll it up carefully and tie it up with twine, wound to secure it well, especially the ends. Now, in the bottom of your kettle fry some fat pork till crisp or brown, one quarter pound cut in thin slices (cost three cents). Into the fat that has fried out from this pork put the rolled meat, brown it on all sides, turning it till it is a rich color all over, then put in half a pint of water and sprinkle over a little salt. Keep closely covered, adding a little water if it cooks away too much. If one likes the flavor of onion add the half a small one, chopped fine. When ready to serve unwind the string carefully to preserve the shape. Lay it on a platter with the gravy poured over it. Cut the meat in slices through the roll as jelly roll is cut by the bakers. toughest meat is made tender and nutritious cooked in this way, and is equally nice warmed over the next day. A trial will prove the correctness of this statement.

NOVEMBER, 11th Month.

Weeks and Days. Remarkable Days. R. & S. H. Moon W. R. & S. Place. South. Miscellaneous Particulars. Sun fast rises. Sun fast rises. h m h m h m
Tuesday 1 All Saints 2 6 27 20 12 35 \(\text{rises} \) 3 3 \(\cup \) 16 6 51 5 9 20
Wednesd 2 All Souls 3 7 0 5 1 24 Orion rises 8 50 16 6 52 5 8 21
Thursday 3 Theophilus 3 7 40 20 2 12 5 rises 10 49 16 6 53 5 7 22
Friday 4 Charlotte 4 8 25 3 2 Sirius rises 10 57 16 6 54 5 6 23
Saturday 5 Malachi 5 9 24 20 3 54 rises 1 30 16 6 55 5 24
45] 22d Sunday after Trinity. Matth. 18. Days' length 10 hours 8 min.
Sunday 6 Leonard 6 10 17 4 4 4 46 \sta. Arctur. se. 6 36 16 6 56 5 4 25
Monday 7 Engelbert 6 11 15 217 5 39 60 Rigel ri. 8 47 16 6 57 5 3 26
Tuesday 8 Cecilia 7 morn. 1 1 6 32 1 8. 2 in 2 4d⊙ 16 6 58 5 2 27
Wednesd 9 Theodore 8 12 21 3 14 7 25 5 9 rises 2 53 16 6 59 5 1 28
Thursday 10 Mart. Luther 9 1 23 32 28 8 18 33 3 rises 1 27 16 7 1 4 59 29
Friday 11 Melanchton 10 2 29 5 11 9 11 93 Regul ri 12 10 16 7 2 4 58 30
Saturday 12 Jonas 10 3 38 24 9 57 30 8 5 7 15 10 17 16 7 3 4 57 31
46] 23d Sunday after Trinity. Matth. 22. Days' length 9 hours 52 min.
Sunday 13 Winebert 11 4 36 6 10 55 Androme. so. 8 43 16 7 4 4 56 N.
Monday 14 Levin 12 5 34 18 11 12 per. Alt se. 10 50 15 7 5 4 55 2
Tuesday 15 Leopold 1 sets 6 0 11 47 15. \$60 15 7 6 4 54 3
Wednesd 16 Ottomar 2 6 14 412 12 45 Fing gris. 253 15 7 7 4 53 4
Thursday 17 Alpheus 2 6 52 625 1 55 & Infer. b statio. 15 7 8 4 52 5
Friday 18 Gelasius 3 7 47 7 2 548 rises 1 19 0 15 7 9 4 51 6
Saturday 19 Elizabeth 4 8 41 18 3 50 Fomal south 7 9 14 7 10 4 50 7
47] 24th Sunday after Trinity. Matth. 9. Days' length 9 hours 38 min.
Sunday 20 Amos 5 9 40 6 0 4 43 3 4 14 7 11 4 49 8
Monday 21 Off. V. Mary 6 10 36 312 5 33 b rises 9 45 14 7 11 4 49 9 Tuesday 22 Alphonsus 6 11 35 324 6 19 22.\(2013\)
Tuesday 22 Alphonsus 6 11 35 3 24 6 19 2 22. \$ 4 0 e. \$ 14 7 12 4 48 10
Wednesd 23 Clement 7 morn.
Thursday 24 Chrisogenes 8 12 48 219 8 27 27 27 27 27 27 27
Friday 25 Catharine 9 1 32 2 9 98 7* south 11 35 137 15 4 45 13
Saturday 26 Conrad 10 2 30 15 9 51) in apo. \(\times \text{ station.} 127 16 4 44 14
48] 1st Sunday in Advent. Matth. 21. Days' length 9 hours 28 min.
Sunday 27 Josaphat 11 3 46 29 10 35 Rigel rises 6 25 12 7 16 4 44 15
Monday 28 Guntherus 12 4 45 14 11 9 3 rises 1 7 12 7 17 4 43 16
Tuesday 29 Saturn 12 5 40 29 11 59 5 rises 9 12 11 7 18 4 42 17
Wednesd 30 St. Andrew 1 rises 14 morn. 30.5gr. he.l. n. 11 7 18 4 42 18
JUPITER is on the 8th in Conjunction with the Sun and cannot be seen.

November has 30 Days.

MOON'S PHASES, &c.

Last quarter the 8th, at 12 o'clock 1 min. in the afternoon; rain or snow.

New moon the 15th, at 3 o'clock 8 min. in the morning; cold rain and stormy.

First quarter the 22d, at 5 o'clock 43 min. in the morning; brings rain,

Full moon the 30th, at 10 o'clock 20 min. in the forenoon; cold and stormy.

Probable State of the Weather.

1st changeable; 2d, 3d rain; 4th, 5th pleasant; 6th, 7th pleasant; 8th, 9th, 10th, 11th cold; 12th, 13th, 14th, 15th rain or snow; 16th, 17th, 18th pleasant; 19th, 20th cloudy; 21st, 22d, 23d rain; 24th, 25th, 26th pleasant; 27th, 28th changeable with snow; 29th, 30th cold wind.

GENERAL ELE	CTION					8
SUPREME COUL	ar—at P	hiladelphi	8.		. :	21
Court of Q	uarter	Sessions	and	Common	Ple	a8.
Schuylkill		estmorela		Lancaster		21
Lebanon	14 M	ifflin 5	14	Luzerne		21
Crawford	14 W	yoming	. 14	Dauphi n		21
Berks	14 L	ehigh	14	Clarion		28
Huntingdon		earfield	. 14	Centre		28
Susquehanna	14 Ca	meron		Venango		28
Cumberland	14 E	rie	14	Tioga ·	. 11	28
Adama	1480	merset	: 14			

Value of Oysters.

A very high medical authority says: Oysters are not only nutritious but wholesome, especially in cases of indigestion. It is said "there is no elementary substance, not even excepting bread, that does not produce indigestion under certain circumstances, but oysters never do." Oyster juice promotes digestion. By taking oysters daily indigestion supposed to be almost incurable, has been cured; in fact, they are to be regarded as one of the most healthful articles of food known to man. Invalids who have found all other kinds of food disagree with them frequently discover in the oyster the required aliment. Raw oysters are highly re- was formerly written on the calendar in letters commended for hoarseness. Many of the vocalists use them regularly before concerts and operas; but their strongest recommendation is the remarkable wholesome influence exerted upon the digestive organs.

-Powdered rice, sprinkled upon lint and applied to fresh wounds will stop bleeding.



Thanksgiving.

The grain is garnered in, The apples ripe are stored, The yellow pumpkins gleam among The farmers treasured hoard.

The earth is brown and bare. That once was green and gay; Where regal Autumn charmed the eye, Dead leaves bestrew the way.

Though clouds be dark o'erhead, With wind and unshed rain, The good which once has crowned the earth Will make it bloom again.

Then let us thank our God For spring-time soft and fair,-For April rain and May-day sun-And June's delicious air.

For July showers and heat, For dreamy August haze, For cool September's purple fields, For glad October days,

For dull November skies. And barns with harvest filled, We thank Thee, Lord, who richly blessed The land Thy servants tilled.

The year to come is Thine Thou knowest what will be; Send rain and dew, and wind and sun As seemeth best to Thee.

-The golden number is so called because it of gold. It is the number reckoned from one to nineteen, showing what year in the lunar or metonic cycle any given year is. The epact is the excess of the solar above the lunar year, the former consisting of 365 days and the latter 354. The epact of any year is the number of days from the last new moon of the old year to the first day of the following January.

DECEMBER, 12th Month.

				,			
Weeks and Days.	Remarkable Days		Moons CS. Place.	Moon south.	Miscellaneous Par culars.	rti- sun sur fast rise m h r	es sets.
Thursda	y 1 Longinus	1 6	16 129	12 59	♀ rises 3 08	U117 1	94 41119
Friday	2 Candidus	2 7	23 16	1 50	ç gr. dist. west	0 107 1	94 41 20
Saturday	3 Fr. Xavier		37 29	2 43	¥34		04 4021
	ed Sunday in Add		Luke 2		Days' length		
Sunday	4 Barbara	4 9	45 6 14	3 36	hd) Sirius ri. 8	54 97 20	04 40 22
Monday		5 10	47 228	4 29	4 rises 3 22		4 39 23
Tuesday			52 3 12	5 20	ggr.di.we. &ri. 6	36 97 21	4 39 24
Wednesd		6 mor	n. 3225	6 12	7. h rises 8	32 87 22	24 38 25
Thursday		7 12	57 8 8	7 3	(38) 8ri.12	56 87 22	24 38 26
Friday	9 Joachim	8 2	5 20 20	7 54	36D & Rig.ri. 10	10 77 23	34 37 27
Saturday	10 Judith	9 3	13 🗯 3	8 47	Orion rises	39 7.7 23	4 37 28
50] 3	d Sunday in Adv	ent.	Matth.		Days' length 9		
Sunday	11 Barsabas	10 4 :	18 4 15	9 42	Fomal sets 9 45	6 7 23	34 37 29
Monday			19 4 27		per. Perih.461		4 36 30
Tuesday	13 Lucy		23 4 9	-	⊋ rises 3 19		4 36 D.
Wednesd	14 Emberday	1 set	s 3211		14.Spi.ri.2		4 36 2
Thursday	15 Ignatius						4 35 3
Friday	16 Ananias	2 7			rises 12 43		4 35 4
Saturday	17 Lazarus	3 7 5	9 327		Arietis south 82		4 35 5
	th Sunday in Ad		John 1		Days' length 9		
Sunday	18 Arnold	4 8 5	7 5 9	3 23 6	rises 7 42	3,7 25	4 35 6
Monday	19 Abraham	4 9 5			rises 3 25		4 35 7
Tuesday	20 Ammon				rises 2 34	27 25	
Wednesd	21 St. Thomas				ent. Short. do	w 17 26	4 34 9
Thursday	22 Beata	7 morr	1. 28		22. Win. con		4 35 10
Friday	23 Dagobert	8 12 4		7 47	Dapo. 3r. 123	0 2 7 25	
Saturday	24 Adam, Eve		4 12	8 30 8	Dapo.zr.123 in&Alde.so.101	3 8 7 25	4 35 12
52] Ci	hristmas.		Luke		Days' length 9		
Sunday	25 Christmas	9 2	6 7	9 15 8	in Aphelion	3 7 25	4 35/13
			4 22 1		rises 3 41	0.7 25	
Tuesday	27 John, Evan.	11 4 1			rises 7 00		4 35 15
Wednesd	28 H.Innocents	12 5 2	4 6 22 1		& rises 12 18		4 35 16
Thursday			0 71	1 57 A	ltair sets 7 35	27 24	
Friday	30 David	1 rises			30. 4 ris. 1 5		
Saturday	31 Sylvester		1 6 7 7 1	2 39	oin per. ho	37 24	
			40 77		1 10	, JI ~ XI	2 30110

December has 31 Days.

MOON'S PHASES, &c.

Last quarter the 7th, at 10 o'clock 10 min. in the evening; clear and frosty.

New moon the 14th, at 2 o'clock 21 min. in the afternoon; clear and mild.

First quarter the 22d, at 2 o'clock 1 min. in the morning; snow and stormy.

Full moon the 30th, at 3 o'clock 14 min. in the morning; snowy and stormy.

Probable State of the Weather.

1st, 2d, 3d, 4th, 5th pleasant; 6th, 7th, 8th clear and cold; 9th, 10th 11th rain or snow; 12th, 13th pleasant; 14th, 15th, 16th, 17th cloudy; 18th, 19th, 20th clear; 21st, 22d frosty; 23d, 24th, 25th, 26th pleasant; 27th, 28th snow; 29th pleasant; 30th, 31st snow.

Court of Quarter Sessions and Common Fleas.

	0	-				
Philadelphi	ia	5	Northumberland	5	Northampton	12
Bucks		5	Butler .	6	Jefferson	12
Armstrong		5	Beaver	5	Potter	12
Indiana		5	Bedford	5	Elk	18
Bradford		5	Cambria	5	Sullivan	18
Allegheny	,	5	Warren	5	Montour	- 18
Fayette		5	Wayne	5	M'Kean	19
Franklin	,	5	Montgomery	5	Pike	19
Delaware		5	Lycoming	5	Union	19
Columbia		5	Clinton	12	Monroe	26
Juniata		5	Snyder	12	Forest	26

Christmas Bells.

I heard the bells on Christmas day Their old familiar carols play, And wild and sweet The words repeat . Of peace on earth, good will to men!

And thought how, as the day had come, The belfries of all Christendom Had rolled along The unbroken song Of peace on earth, good will to men.

Till ringing, singing, on its way,
The world revolved from night to-day,
A voice, a chime,
A chant sublime,
Of peace on earth, good will to men!

But in despair I bowed my head—
"There is no peace on earth," I said;
"For hate is strong,
And mocks the song
Of peace on earth, good will to men!"

Then pealed the bells more loud and deep, "God is not dead, nor doth he sleep!

The wrong shall fail,

The right prevail.

With peace on earth, good will to men!"



Care of Cellars.

A great mistake is sometimes made in ventilating cellars and milk-houses. The object of ventilation is to keep the cellar cool and dry, but this object often fails of being accomplished by a common mistake, and instead, the cellar is made both warm and damp. A cool place should never be ventilated, unless the air admitted is cooler than the air within, or is at least as cool as that, or a very little warmer. The warmer the air, the more moisture it holds in suspension. Necessarily, the cooler the air, the more this moisture is condensed and precipitated. When a cool cellar is aired on a warm day, the entering air being in motion appears cool; but as it fills the cellar, the cooler air with which it becomes mixed chills it, the moisture is condensed, the dew is deposited on the cold walls, and may often be seen running down them in streams. Then the cellar is damp, and soon becomes mouldy. To avoid this, the windows should only be opened at night, and late-the last thing before retiring. There is no need to fear that the night air is unhealthful-it is as pure as the air of midday, and is really drier. The cool air enters the apartment during the night, and circulates through it. The windows should be closed before sunrise in the morning, and kept closed and shaded through the day. If the air of a cellar is damp, it may be thoroughly dried by placing in it a peck of fresh lime in an open box. A peck of lime will absorb about seven pounds, or more than three quarts of water, and in this way a cellar or milk-room may soon be dried. A bushel of lime absorbs twentyseven pounds of water, and still appears as a dry powder. In this condition it will be very useful to spread over the garden or lawn, or around fruit trees.



A Desperate Encounter with a Kangaroo.

The great Kangaroo inhabits Australia and look out over the tops of the luxuriant grass Van Diemen's Land. The total length of the among which it lives. The leaping movements animal is about 7 feet 6 inches, counting from the nose to the tip of the tail. The weight of each leap being about 15 feet. a full grown male, or "Boomer" as it is more familiarly called, is very considerable, 160 pounds having often been attained. The color either knock it down with a boomerang, spear Its singular formation, peculiarly adapted to hem in a herd, which soon fall victims to the of ingenuity on the part of the natives who live pour in on all sides. The colonists either shoot much on its flesh, in hunting it. Its method of it or hunt it with dogs, a pack of which is progression is by leaps from its long hind-legs. trained for that purpose, just as we train fox-The natural walking position of this animal is hounds. The "old man" or "boomer," as the on all four legs, although it constantly sits up colonists call the great Kangaroo, invariably on the hinder legs, or even stands on a tripod leads the dogs a severe chase, always attemptcomposed of its hind feet and tail, in order to ing to reach water and escape by swimming.

are required for haste or escape, the length of

Hunting the animal is a very favorite sport with both colonists and natives. The natives of the animal is brown, mingled with gray, it from behind a bush, or unite together and the country, calls forth a corresponding degree volleys of clubs, spears and boomerangs, which

It is a formidable foe to the dogs when it stands certain extent master of the situation, as from at bay, as it seizes the dog with its fore-legs, and either holds him under water until he is for man or dog to give the finishing stroke. drowned, or tears him open with a well-directed kick of its powerful hind-feet, which are armed with a very sharp claw. The female Kangaroo carries its young about in a kind of pouch, from which they emerge when they wish for a little exercise, and leap back again on the slightest alarm. All the Kangaroos and the Opossums have this pouch.

The male Kangaroo, or "Boomer" is a dangerous antagonist to man and dog, and unless destroyed by missile-weapons, will often prove more than a match for the combined efforts of

man and beast.

Such a desperate encounter with a male Kangaroo had a Mr. Bourke recently in Australia. He was riding along the road when he started three Kangaroos, and immediately gave chase, and for some miles the pace was very hot. Brush-fences and fallen timber were, of course, no serious obstacles to the long-tails; and, well mounted on a wiry old stock-horse, Bourke found little difficulty in maintaining a respectable position in the hunt.

After a smart spin, in the course of which the hunter, if he held his ground, had yet failed to gain an inch upon the Kangaroos, the horse began to show signs of caving in, and it seemed probable that the denizens of the forest would have the best of it.

At this juncture, however, the Kangaroos separated, two continuing on the same direction as that which they had been going previously, and the third -a tremendous "old man," about seven feet high-making a sharp turn to the right. For a second or two Bourke was undecided as to which he should follow, but the dog soon settled the matter by making after the Kangaroo.

That this course was the wisest soon became apparent, as before another half mile of ground was covered the boomer displayed unmistakable symptoms of distress, and in five minutes the old man was brought to bay in a water hole. Here, however, the Kangaroo was still to a two meanings in the document.

his insular position it was no easy matter either

Bourke determined to push matters to a conclusion, and jumped off his horse in order to seize a sapling which lay conveniently at hand. In doing this he had calculated too much on the quiescence of the Kangaroo. While Bourke was in the act of stooping to pick up the sapling, the Kangaroo, with one bound, was upon him, and in another minute had regained his position in the centre of the water-hole, with the unfortunate Bourke in his arms.

Here, had it not been for the help of the faithful dog, our story would have been of a more melancholy termination. Even as it was, poor Bourke got a bad mauling, and he vehemently asserts that the grip of the boomer could only be compared to that of a grizzly bear. Whether he would ever have got clear from the grip of the Kangaroo, if he had been without his dog, is highly problematical, but as it turned out, the four-footed companion proved a most useful ally, and turned the scale of victory.

-Always make a memorandum in your little book of any contract you undertake for money or any agreement to work. It saves much trouble to keep a memorandum-book and put down the dates when you either pay or receive money. Whenever money passes on account, set it down. If any money or thing of value goes through your hands, give a receipt for it and make a memorandum. Your receipt settles the amount that passes, and that cannot be disputed. When you pass it to a third party, get a receipt and keep it. This form is as important in the transfer of income, trust-money or valuables among your own family as with other persons.-Never sign a paper without reading it: and if, after reading, you do not understand it, have it thoroughly explained before you put a signature to it. It is best to get some third person, who is not interested in the matter in any way, to explain the meaning of what is not clear or to point out words that may have

Daniel Webster's Plough.

On one occasion some Boston friend sent Webster as a present an enormous-sized plough to use on his place. Webster gave out word that on a certain day it would be christened. The day arrived, and the surrounding farmers for miles came in to witness the event. A dozen teams with aristocratic occupants came from Boston. It was expected by every one that Webster would make a great speech on the occasion, reviewing the history of farming back to the time when Cincinnatus abdicated the most mighty throne in the world to cultivate turnips and cabbages in his Roman garden. The plough was brought out and ten yokes of splendid oxen hitched in front. More than 200 people stood around on the tiptoe of expectation. Soon Webster made his appearance. He had been calling spirits from the vasty deep, and his gait was somewhat uncertain. Seizing the plough handles and spreading his feet he yelled out to the driver in his deep bass voice:

"Are you all ready, Mr. Wright?"

"All ready, Mr. Webster," was the reply, meaning of course for his speech.

Webster straightened himself up by a mighty

effort, and shouted:

"Then let her rip!"

The whole crowd roared with laughter, while Webster with his big plough proceeded to rip up the soil.

"Don't you want to go to the better world, Tommy?" asked a Sunday School teacher of her new scholar.

"No, mum," promptly replied the frank little fellow.

"And why not, Tommy?"

"O, when I die I want to go where a feller can rest."

"Well, my boy, you can rest there."

"Well, in that song we sung it said we'll shine there."

"Certainly; don't you want to shine there?"
"No, mum; I don't want to shine there. I
get enough of that here. I'm a bootblack!"

Wit Saved Him.

A brigade was encamped near Charleston, Va., and a guard had been detailed to protect the property of the citizens in the neighborhood and strict orders given against foraging or taking anything without paying for it. The colonel of one of the regiments was out one day with his staff and all of a sudden he came upon a private of his regiment with a sheep on his back, evidently just killed. He rode up to the soldier and asked him: "Where did you get that sheep?"

He answered: "Up here in the field."

"Did you buy him?"

"No, sir; I just killed him, so."

"Why, don't you know that strict orders have been issued against doing anything like that?"

"Yes, sir, I know it, and will tell you how it was. I was going along the road whistling the 'Star Spangled Banner,' and this sheep held up his head and looked straight at me, and said, 'ba-a, ba-a,' and, sir, I up and killed him, as I

won't allow anything to say 'ba a' at me when I'm singing or whistling the 'Star Spangled Banner.'"

It is needless to say the colonel told him to go ahead. The fellow's wit saved him that time.

"We are going to have pie for dinner," said Bobby to the minister.

"Indeed!" laughed the dominie, amused at the little boy's artlessness, "and what kind of

pie, Bobby?"

"It's a new kind. Ma was talkin' this morning about pa bringin' you to dinner so often, and pa said he didn't care what she thought, and ma said she'd make him eat humble pie before the day was over, an' I s'pose we're goin' to have it for dinner."

"Yes, papa." "How did you like the sermon?"
"Well, the minister stuck to his text, and I must say, delivered a very cheerful and seasonable discourse." "What was the text?" "Many are cold, but few are frozen."

Receipts.

-Cure and Preventative of Hydrophobia. To one and a half ounces of good Elecampane Root, bruised in a mor tar, add one pint of new milk, boil to half pint, strain off, and when cold take it at one dose, in the morning fasting. No food should be taken for from three to five hours afterwards. Repeat the dose on the third morning, allowing one morning to intervene, and again on the fifth morning. The above quantity is for an adult; for children, given in propertionate doses, say to one of twelve years half the quantity. Same for animals, cattle, horses, etc., when bitten by a rabid animal, to be drenched with a strong decoction of Elecampane Root, as above, soon as it can be prepared after the bite. This remedy is known to be infallible when prepared and used as above.

To cure Felons, mix one ounce of Venice turpentine with one ounce of water; stir with a rough stick until thick; then wrap a good coating of it around the finger with a cloth. Another method is to wrap the part affected with a linen cloth dipped in a tincture of lobelia. Another remedy is to take a juicy lemon, in one end cut a hole large enough to admit of the insertion of the diseased finger; then, place the finger in the lemon, bind it up and let stay until the pain has ceased, which will usually be about twenty-four hours. This is said to be an infallible

Peppernuts. 1 pound granulated sugar and 3 eggs, well beaten together for han hour; cut 2 ounces blanched almends into small pieces, also 1 ounce of citron and the rind of ½ a lemon, ½ ounce ground cinnamon and a little less grated nutmeg, ½ pound flour; add all this to the sugar and eggs and mix well; sprinkle flour over the bakingpans; with a teaspoon drop little heaps, about the size of a large walnut, of the dough on the pans and bake yellow.

Brown Betty. Cut into thin slices several large apples! have ready a buttered pudding dish, put into this a layer of grated bread crumbs, then a layer of sliced ap ples; over these sprinkle sugar, and so on alternately bread, apples, sugar, until pudding dish is full, letting the top layer be of bread crumbs, on this place three large lumps of butter, put in oven, and bake brown. Serve hot,

with butter and sugar sauce.

-Ginger Pound-Cake. Six cupsful of flour, two cupsful · each of butter, brown sugar and molasses, eight eggs, a tablespoonful each of cinnamon, ginger and soda and two nutmegs. Dissolve the soda in a cupful of sour milk. In baking take particular pains not to let the cake scorch, for gingerbread is of all cakes the easiest to burn. Line the pans with greased paper, and put a brown paper over the top to prevent the crust forming too quickly.

-As a Remedy for Rheumatism take one or two teaspoonsful of Rochelle Salts in a half a glass of cold water; tollow this immediately with a glass of lemonade, which contains all the juice of a large lemon and the requisite quantity of sugar to render it pleasant to drink. once or twice a day according to the severity of the rheumatism. It will cure in 8 or 10 days any rheumatism of

miasmatic character.

-Sponge Pudding. Take three eggs, their weight in the shell in flour, butter and sugar, grated rind of one lemon; beat the butter to a cream, and the eggs, yelks and whites separately and then together; add the butter and keep on beating; then mix in the sugar, and lastly the flour; then beat the whole till quite light; put into a mould and boil for one hour and a half.

-Potato Biscuit. Pint of mashed potatoes; two eggs; cup of shortening-lard and butter mixed; three-fourth cup yeast; pinch of salt; tablespoon of sugar. Put the shortening in the potatoes while warm. Beat the eggs light and stir them in the potatoes and shortening. Knead into a loaf and set it aside to rise; flour enough to make a soft dough; roll out lightly, cut with a cutter and

-For Cancer take red clover blossoms, make a tea of them and drink four or five times a day for several weeks. If there is any cancerous humor in the blood, it will kill If the cancer has broken out, boil the clover down very strong, and put a bunch of the boiled clover blossoms wet on the cancer. It has been known to cure after the

cancer has broken out.

-For a Gargle for Sore Throat take very strong sage tea, one-half pint; strained honey, common salt, and strong vinegar, of each two tablespoons; cayenne, the pulverized, one rounding teaspoon; steeping the cayenne with the sage, strain, mix, and bottle for use, gargling from four to a dozen times daily according to the severity

of the case. This is one of the very best gargles in use.

—Grandmother's Sponge Cake. Two even cups of sugar, two rounded cups of flour, five eggs. Beat the yolks of the eggs with the sugar for 15 minutes. Beat the whites of the eggs to a stiff froth, add to the yolks, and then stir the whites in slowly. The sugar and flour should be sifted

and free from lumps. Best sponge cake made.

-To cure Sweating Feet bathe the feet in tar water a half hour morning and evening for three days. At the end of the third day omit the bath and paint the soles of the feet once a day with per-chloride of iron. After four days more the epidermis or the soles will be found to be dry and hard.

A cheap paint for a floor can be made with five pounds of French ochre and a quarter of a pound of glue dissolved in two quarts of boiling hot water; then apply enough boiled linseed oil to make paint flow easily from the brush. Any man can paint a kitchen floor and save the women

work by so doing.

-Corn Cakes that are Corn Cakes. One pint buttermill; one egg; butter the size of a hulled walnut; onehalf teaspoon soda; pinch of salt; cornmeal enough to make a soft batter; bake on a griddle which you have greased well with lard. This can be baked in one pan and makes a very nice pone.

-Variety Jelly Cake. Four cups flour; three cups sugar; one cup clabber; one cup butter; five eggs; one teaspoon soda. Divide the butter in two parts; in one half put a teaspoonful of cloves and a teaspoonful of ginger. Bake in jelly cake pans. This will make two dark

cakes and two light ones.

-To replace a lost key when it is not convenient to remove the lock, it will be sufficient generally to smoke a key black over a candle, insert it in the key-hole and press firmly against the wards of the lock. The indentations will show where to file.

-Soft Gingerbread. 2 cups butter, 2 cups sugar, beaten together, 2 cups molasses, 52 cups flour, 6 eggs well beaten, teaspoonful soda, dissolved in a little milk; ginger may be added, if you like, also I grated nutmeg. Bake in

small tin moulds.

-Clean cane chairs by saturating the cane well with a sponge and hot water, using soap if necessary; then put it in the open air or in a good current of air, and as it dries it will tighten and become as firm as when new.

-Mortar and paint may be removed from window glass

with hot, sharp vinegar.

-Raisin-Wine. 1 pound of white sugar; 2 pounds of raisins, seeded and chopped; all the juice and half the grated peel of one lemon; two gallons of boiling water. Put all into a stone jar and stir every day for a week; then strain and bottle. It will be fit for use in ten days for flavoring.

Sailor Cake. 6 ounces light brown sugar, 6 ounces butter, 1 pint molasses, 1 ounce baking soda, 4 eggs, 11 pound flour, 2 tablespoonsful cinnamon, ½ pint thick milk. Warm the butter with the molasses. Drop the dough on

warm the direction of the control of comes to a boil. It is best sweetened after baking.

-Saffron Tea for Baby is the very best in fever, bowel trouble or scarlet fever that there can be. It was the dear old grandma's cure, and we think they had better suc-

cess than most of us nowaday.

-To remove the Tapeworm, boil two quarts of pumpkin seeds in water down to one-half, fast one day, eat frequently of the boiled pumpkin-seeds and take a small dose

—Cocoanut Drop Cake. 1 pound grated cocoanut, 1 pound white sugar, the white of 3 eggs beaten, stir all together and drop on buttered paper; lay the paper on tins

and bake in a moderate oven.

—A Sure Cure for Piles is a large handful of green plantain leaves and the same of live for-ever, put them with one pound of mutton tallow in a dish, let them stew for about an hour, strain and anoint night and morning.

Sour Pickles, eaten in moderation a little before and during a voyage, is said by one who has tried it, are a

preventative for sea-sickness

-No better Liniment for bruises, on man or beast, was ever used, than equal parts of laudanum, alcohol and oil of wormwood. It reduces swelling, keeps out inflammation and removes soreness. The sooner applied the better.

—Sweet Cider will do more toward curing gout and rheumatism than all the mineral waters of America,

France or Germany, so says an American physician who

cured himself of the gout by the cider-cure.

—Straw matting should be washed with warm salt and water; wring out a soft cloth in it and apply quickly; not wetting the matting much, only enough to take out the dust and stains.

-The best way to brighten a carpet is to put a half tumbler of spirits of turpentine in a basin of water and dip your broom in it and sweep over the carpet once or

-Grandfather's Sponge Cake. 6 eggs, 1 pound granulated sugar, 1 pound flour. Beat the eggs and sugar to froth, mix quickly with the flour, flavor with lemon extract and bake 25 minutes.

—Sand Tarts. 1 pound butter, 1 pound sugar, 6 eggs well beaten, 1½ pounds flour, roll thin and sprinkle the tarts with sugar and cinnamon.

-A pint of mustard seed put in a barrel of cider will keep it sweet for several months and make it more whole-

-If the sauce pan in which milk is to be boiled be first moistened with water, it will prevent the milk from

Hellebore sprinkled on the floor at night destroys cockroaches. They eat it and are poisoned. It should be swept up each morning

-Remove flower pot stains from window sills by rubbing with fine wood ashes and rinse with clean water.

ANATOMY OF MAN'S BODY,

AS SAID TO BE GOVERNED BY THE TWELVE CONSTELLATIONS.

Arms,

GEMINI.

Heart,

LEO.

Reins.

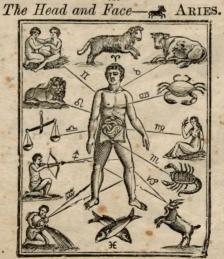
LIBRA.

Thighs,

SAGITTARIUS.

Legs,

AQUARIUS.



The Feet- PISCES.

Neck.

TAURUS.

Breast,

CANCER.

Bowels,

VIRGO.

Secrets,

SCORPIO.

Knees.

CAPRICORN.

Short Almanac for the Year 1887,

Being the third after Leap Year, and the 111th of American Independence.

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